

20021002.qrp v02_n696.qrl.20021002

Date: Wed, 2 Oct 2002 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2696

QRP-L Digest 2696

Topics covered in this issue include:

- 1) [136687] FS/FT: K2
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 2) [136688] Rock-Mite Case
by Bob Welch <p326@earthlink.net>
- 3) [136689] Re: Chuck Carpenter and ROCK MITE
by Chuck Carpenter <w5usj@9plus.net>
- 4) [136690] Re: Old Books
by George Franklin <w0av@juno.com>
- 5) [136691] Re: [136662] Re: Old Books
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 6) [136692] Rock-Mite-20 CQ from the mobile...answered!
by "Bill, N4QA" <n4qa@hotmail.com>
- 7) [136693] Rock-Mite/15 Beacon @ 21.063 -- Part 2
by Chuck Carpenter <w5usj@9plus.net>
- 8) [136694] FS or Trade: HW-9
by "NZ8J" <nz8j@woh.rr.com>
- 9) [136695] Bugbear virus
by Ed Tanton <n4xy@earthlink.net>
- 10) [136696] Frist K1 DX
by "Brian" <brian@iquest.net>
- 11) [136697] RE: Old Books
by David Hinerman <WD8CIV@worldnet.att.net>
- 12) [136698] Re: Low Sunspots and QRP
by Bruce Muscolino <w6toy@erols.com>
- 13) [136699] Wanted: Tube QRP TX or Old QST Project
by "Alan Fryer" <N3BJ@hotmail.com>
- 14) [136700] Re: FS or Trade: HW-9 - SOLD
by "NZ8J" <nz8j@woh.rr.com>
- 15) [136701] HW-8 Problem
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 16) [136702] Re: Old Books
by Larry Cahoon <lejek@erols.com>
- 17) [136703] QRP SS CW Operating in 2002
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 18) [136704] Fw: Old Books
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 19) [136705] Re: HW-8 Problem

by David Hinerman <WD8CIV@worldnet.att.net>

20) [136706] Re: HW-8 Problem
by "Trevor Jacobs" <kg6cyn@earthlink.net>

21) [136707] [OT] Operating Systems
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>

22) [136708] Re: Rock-Mite-20 CQ from the mobile...answered!
by "Juan Ferrari" <puntrad@usa.net>

23) [136709] Re: Bugbear virus
by Jim Larsen - AL7FS <JimLarsen2002@alaska.net>

24) [136710] Reference Books
by "W2WU" <w2wurjj@verizon.net>

25) [136711] Re: Goodbye sunspots, goodbye QRP
by "James R. Duffey" <jamesd1@flash.net>

26) [136712] Network News: Climbing the Ladder
by Nick Kennedy <nkennedy@tcainternet.com>

27) [136713] re: [OT] Operating Systems
by "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>

28) [136714] Re: Weiss?
by Ade Weiss W0RSP <adeweiss@sd.value.net>

29) [136715] Ham Books at LLibrary Sales
by "James R. Duffey" <jamesd1@flash.net>

30) [136716] Re: Step Up Regulator
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

31) [136717] Re: Minooka Special (was -RE: The non resonant monopole issues)
by Ade Weiss W0RSP <adeweiss@sd.value.net>

32) [136718] Re: Firth/Fishpool Simple Test Equipment for the QRPer Book is in
Second Printing
by "George Heron N2APB" <n2apb@erols.com>

33) [136719] Re: Rock-Mite-20 CQ from the mobile...answered!
by "Bill, N4QA" <n4qa@hotmail.com>

34) [136720] Re: Step Up Regulator -- Results...
by Ade Weiss W0RSP <adeweiss@sd.value.net>

35) [136721] Re: [OT] Operating Systems
by "Karl F. Larsen" <k5di@zianet.com>

36) [136722] FS: 80m OHR Spirit II QRP Transceiver
by Ron Majewski <ron.majewski@veridian.com>

37) [136723] Re: [fpqrp] Frist K1 DX
by "Dennis Ponsness" <wb0wao@hotmail.com>

38) [136724] Re: QRP SS CW Operating in 2002--ARCI Fall QSO Party "warmup"
by "Dave Ek" <ekdave@earthlink.net>

39) [136725] Advanced References
by "James R. Duffey" <jamesd1@flash.net>

40) [136726] Re: [OT] Operating Systems
by Russ Dow <n7dw@earthlink.net>

41) [136727] Re: [OT] Operating Systems
by Hank Kohl K8DD <k8dd@arrl.net>

42) [136728] Alesis DSP system
by "Leon Heller" <leon_heller@hotmail.com>

- 43) [136729] Re: [OT] Operating Systems
by "Ray Goff" <radioham@gmx.co.uk>
- 44) [136730] Re: Alesis DSP system
by "Graeme Zimmer" <gzimmer@bigpond.com>
- 45) [136731] Possible solar panel for QRP
by "Tony Parks" <robert.parks11@gte.net>
- 46) [136732] Re: [OT] Operating Systems
by "John J. McDonough" <wb8rcr@arrl.net>
- 47) [136733] Re: Step Up Regulator
by "Mike Yetsko" <myetsko@insydesw.com>
- 48) [136734] Re: Bugbear virus
by "Mike Yetsko" <myetsko@insydesw.com>
- 49) [136735] Re: [OT] Operating Systems
by "Mike Yetsko" <myetsko@insydesw.com>
- 50) [136736] NEQRP 10/1...?
by "John O. Newell" <jnewell@attbi.com>
- 51) [136737] Results R-M/15 Beacon
by Chuck Carpenter <w5usj@9plus.net>
- 52) [136738] Re: Bugbear virus
by Al Scanandoah <k2zn@rochester.rr.com>
- 53) [136739] Re: DSP for QRP
by kcieslak <kcieslak@execpc.com>
- 54) [136740] Re: Step Up Regulator -- Results...
by Chris Cartwright <ccart@phideaux.com>
- 55) [136741] Re: Possible solar panel for QRP
by "Rod N0RC" <rod@n0rc.us>
- 56) [136742] Re: Step Up Regulator -- Results...
by "Lee Mairs" <lmairs@cox.net>
- 57) [136743] Re: Step Up Regulator
by George Franklin <w0av@juno.com>
- 58) [136744] Re: [OT] Operating Systems
by Bruce Grubbs <mail@brucegrubbs.com>
- 59) [136745] Re: [OT] Operating Systems
by "Michael G. Heitmann" <n0so@charter.net>
- 60) [136746] OT: Increase Foreign SSB in CW band?
by ARDUJENSKI@aol.com
- 61) [136747] Re: [OT] Operating Systems
by Al Moyle <amm14@psu.edu>
- 62) [136748] Re: Reference Books
by Chris Trask <ctrask@primenet.com>
- 63) [136749] Re: [OT] Operating Systems
by kwike@gdls.com
- 64) [136750] Re: Goodbye sunspots, goodbye QRP
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 65) [136751] Re: Step Up Regulator
by John Kuklewicz N7ZN <kuk1@cybrquest.com>
- 66) [136752] RE: Increase Foreign SSB in CW band?
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>

- 67) [136753] FS Epiphyte 3 Kit
by JIm Wilson <w5mhl@arrl.net>
- 68) [136754] Re: Step Up Regulator -- Results...
by "" <markb@abq.com>
- 69) [136755] Re: Step Up Regulator
by NB6M@aol.com
- 70) [136756] Last nights NEQRP SSB NET?
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 71) [136757] Re: [OT] Operating Systems
by "Mark J. Dulcey" <mark@buttery.org>
- 72) [136758] Re: OT: Increase Foreign SSB in CW band?
by William R Colbert <w5xe@juno.com>
- 73) [136759] RE: Goodbye sunspots , Goodbye QRP
by "George Osier" <gosier@twcnny.rr.com>
- 74) [136760] RE: FS Epiphyte 3 Kit
by JIm Wilson <w5mhl@arrl.net>
- 75) [136761] Re: OT: Increase Foreign SSB in CW band?
by William R Colbert <w5xe@juno.com>
- 76) [136762] Re: OT: Increase Foreign SSB in CW band?
by wb0wao@hotmail.com (Dennis Ponsness)
- 77) [136763] OT Nickel Metal Hydride Batteries - Expected life
by kwike@gdls.com
- 78) [136764] Re: [OT] Operating Systems
by "Karl F. Larsen" <k5di@zianet.com>
- 79) [136765] Looking for mobile ops pointers.
by "Mullin, Edward J." <mulline@tycoelectronics.com>
- 80) [136766] Re: [QRPP-I] Rock-Mite/15 Beacon @ 21.063 -- Part 2
by Hiloarc@aol.com
- 81) [136767] RE: [OT] Operating Systems
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 82) [136768] [OT] Operating Systems ?
by "W2WU" <w2wurjj@verizon.net>
- 83) [136769] Re: OT Nickel Metal Hydride Batteries - Expected life
by "Karl F. Larsen" <k5di@zianet.com>
- 84) [136770] Re: Last nights NEQRP SSB NET?
by Alex <kr1st@amsat.org>
- 85) [136771] Re: Looking for mobile ops pointers.
by "Karl F. Larsen" <k5di@zianet.com>
- 86) [136772] Re: [OT] Operating Systems
by "Randy Randall" <RANDALLR@healthall.com>
- 87) [136773] RE: [OT] Operating Systems
by "Tracy Markham" <tracy@bytemark.com>
- 88) [136774] Re: Last nights NEQRP SSB NET?
by Bill ROWLETT <kc4atu@yahoo.com>
- 89) [136775] QRPacificon is 2 1/2 weeks away
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 90) [136776] OT: Linux question
by Rob Matherly <w0jrm@arrl.net>

- 91) [136777] R-M/15 Beacon Heard by W6EU in CA
by Chuck Carpenter <w5usj@9plus.net>
- 92) [136778] Re: [Looking for mobile ops pointers.]
by "P. Ermisch" <ermisch@usa.net>
- 93) [136779] Re: [OT] Operating Systems ?
by "laura halliday" <marsgal42@hotmail.com>
- 94) [136780] Re: Bugbear virus
by Ed Tanton <n4xy@earthlink.net>
- 95) [136781] Re: Increase Foreign SSB in CW band?
by Bruce Muscolino <w6toy@erols.com>
- 96) [136782] Re: [OT] Operating Systems ?
by "Karl F. Larsen" <k5di@zianet.com>
- 97) [136783] R-M/15 Beacon Now -- 7300 m/W
by Chuck Carpenter <w5usj@9plus.net>
- 98) [136784] NorCal Meeting this weekend
by "Jerry Parker" <qpradio@charter.net>
- 99) [136785] RE: [OT] Operating Systems ?
by "Tracy Markham" <tracy@bytemark.com>
- 100) [136786] Want: Article from 25th VHF/UHF Conf.
by WA6GER@aol.com
- 101) [136787] Re: [OT] Operating Systems
by Chris Cartwright <ccart@phideaux.com>
- 102) [136788] RE: [OT] Operating Systems ?
by "Randy Randall" <RANDALLR@healthall.com>
- 103) [136789] TT 2 success! !
by "Vincent A. Santis" <vsantis@earthlink.net>
- 104) [136790] Re: Bugbear virus
by Pete Burbank <plburbank@kih.net>
- 105) [136791] Re: Increase Foreign SSB in CW band?
by "Charles Mabbott" <aa8vs@msn.com>
- 106) [136792] Koch CW Trainer
by "Ray Goff" <radioham@gmx.co.uk>
- 107) [136793] Re: Increase Foreign SSB in CW band?
by Bruce Muscolino <w6toy@erols.com>
- 108) [136794] RE: TT 2 success! !
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 109) [136795] RE: Want: Article from 25th VHF/UHF Conf.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 110) [136796] Yaesu & Norton Anti-Virus
by wkhibbert@juno.com
- 111) [136797] Re: Bugbear virus
by Ed Tanton <n4xy@earthlink.net>
- 112) [136798] Re: FS Epiphyte 3 Kit
by "Howard Kraus" <K2UD@adelphia.net>
- 113) [136799] Re: Bugbear virus
by Bruce Muscolino <w6toy@erols.com>
- 114) [136800] Rock-Mite VXO Mod TX Offset solution in the works
by NB6M@aol.com

- 115) [136801] Re: [OT] Operating Systems
by "Karl F. Larsen" <k5di@zianet.com>
- 116) [136802] Re: OT: Linux question
by "Karl F. Larsen" <k5di@zianet.com>
- 117) [136803] Weekly Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 118) [136804] Re: Old Books
by "kw3u@warwick.net" <kw3u@warwick.net>
- 119) [136805] Inexpensive Microcontrollers for Experimenters
by "Tim, N9PUZ" <n9puz@arrl.net>
- 120) [136806] Re: Increase Foreign SSB in CW band?
by William R Colbert <w5xe@juno.com>
- 121) [136807] Fw: OT OSEI MEDIA ALERT #02275
by "W2WU" <w2wurjj@verizon.net>
- 122) [136808] Yaesu & Norton Anti-Virus
by "W2WU" <w2wurjj@verizon.net>
- 123) [136809] Re: Step Up Regulator
by "Mike Yetsko" <myetsko@insydesw.com>
- 124) [136810] Re: OT Nickel Metal Hydride Batteries - Expected life
by "Mike Yetsko" <myetsko@insydesw.com>
- 125) [136811] Re: OT: Linux question
by Rob Matherly <w0jrm@arrl.net>
- 126) [136812] OT: FREE?? get serious ...
by "Tracy Markham" <tracy@bytemark.com>
- 127) [136813] Need to locate info or manual.
by "Michael B. Byrd" <sunbyrd@gte.net>
- 128) [136814] Fw: ARLB060 FCC Declares Communications Emergency as Hurricane Lili Approaches Gulf Coast
by "W2WU" <w2wurjj@verizon.net>

Date: Tue, 1 Oct 2002 19:06:04 -0400
From: "Jason Hissong" <jhissong1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<elecraft@mailman.qth.net>
Subject: [136687] FS/FT: K2
Message-ID: <000b01c2699f\$1e406b50\$6e01a8c0@procyon>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Couple of hits but no bites. Price lowered to 900.00 plus shipping.... you can use PayPal.com if you want to use your credit card (no extra fee).

K2 Serial number 1270.

KSB2

KAT2

KNB2

K160RX

KBT2

KAF2

MH2

Speaker Grill Mod

Yaesu Knob

Does not have the KI02

This radio is in mint condition and construction is great. No apparent dents or scratches. Includes manual. Again... willing to trade for IC746, 756, TS570SG, TS???, FT920, FT???, what do you have? Would go with KPA100 but trying to keep as much money as I can for the tower. Will be getting a K2 to build someday but right now trying to get the tower up. Pictures available upon request of internals, radio.

Thanks!

Jason N8XE

Date: Tue, 01 Oct 2002 16:08:32 -0700
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136688] Rock-Mite Case
Message-ID: <3D9A2AF0.7A11272F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The case is sold. It went in about 5 minutes. Thanks for all the responses.

Bob, W8MCJ

Date: Tue, 01 Oct 2002 18:08:06 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: IamSF5@aol.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [136689] Re: Chuck Carpenter and ROCK MITE
Message-ID: <3.0.2.32.20021001180806.006b8524@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob and All,

You don't need to CHANGE any parts to build and operate the Rock-Mites. By adding some peripheral parts you will have a rock-mite working they way it was intended to. The crystals for each band are included. Refer to the Rock-Mite files for more information:
<http://www.radioactivehams.com/~n0rc/rm/>

There are links on the webpage to Small Wonder Labs for even more Rock-Mite information.

The revisions and parts that my messages described were for changing or revising a Rock-Mite/20 to operate on 30 meters. There were also messages about adding parts to change the crystal frequency of any Rock-Mite. You don't NEED to do any of these things if they are of no interest to you.

Have fun building your Rock-Mites and getting them on the bands.

At 06:09 PM 10/1/02 EDT, IamSF5@aol.com wrote:

>Hi Gang,
>I can only post from AOL and read from Yahoo. Com.
>I read an article posted by Chuck Carpenter and the changes he made to the
>ROCK MITE.
>QUESTION!
>Are these changes needed?
>I ordered both the 40 and 20 meter kits but don't want to have to replace
>half the parts to get going.
>Also are the crystals included with the kit?
>If not where do I get them?
>Sorry but with AOL not letting QRP-L in I miss a lot of info and at times
>yahoo.com locks up the machine.
>CHUCK CARPENTER,
>If youre reading this can you send me info on the changes and why?
>Are they needed?
>Thanks
>Bob
>AF2Qrp <tm>

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Tue, 1 Oct 2002 18:15:14 -0500
From: George Franklin <w0av@juno.com>
To: aj4ay@worldnet.att.net
Cc: qrp-l@lehigh.edu
Subject: [136690] Re: Old Books
Message-ID: <20021001.181515.-1247929.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys,

Since we are talking about old books, how about this one?

RADIO TELEPHONY FOR AMATEURS, by
Stuart Ballantine

This book was published in Philadelphia in 1922 (the year after I was born)
by David McKay Company.

It is fascinating to thumb through this old handbook and see how things have progressed since 1922 in the field of ham radio.

But many things contained in the handbook concerning receivers and oscillators, etc., are still valid today.

This book deals entirely with vacuum tube circuits, making almost no mention of crystal detectors or spark gap transmitters. It must have been very state-of-the-art in 1922.

I picked this copy up at a garage sale some 30 years ago and it is one of my old-time radio treasures.

Incidentally, I started hamming in 1935 with a regenerative receiver and a Hartly oscillator on 40M CW.

Apologies for the bandwidth. Nostalgia, you know.

72 de George/W0AV

Date: Tue, 1 Oct 2002 19:27:20 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-1@lehigh.edu
Subject: [136691] Re: [136662] Re: Old Books
Message-ID: <200210012327.g91NRKP06169@panix3.panix.com>

It's a good idea to check with the librarian, if you want to donate books that'll actually go into the library. My local library system was only interested in two of the ARRL library donation set. Most libraries have too many books for the space they have, already.

73, doug

Date: Tue, 01 Oct 2002 19:43:52 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [136692] Rock-Mite-20 CQ from the mobile...answered!
Message-ID: <F47k1aRcC8aXKFdFDkf00003a26@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Been running the RM-20 in the mobile since Monday morning. No luck 'til this afternoon, parked in the driveway. Running 300 mW out to the Hustler on the rear bumper of the pickup, called CQ near the QRP freq and was answered by Juan, KG4FSN, in Coral Springs, FL... DX of 752 miles, as the crow flies. Just prior to this QSO, tweaked the whip to eliminate the 70 mW of reflected power that had just been heating up the 2N2222A final... Juan was running 4 W from the Emtech NW-20 to a dipole and was 559 here in SW VA. Juan gave me 529...not bad (if I do say so myself) for 300 mW to an antenna which is only about eight feet long...not counting the truck body :) Maybe soon I'll make a Q zipping along I-81 to/from work... See y'all out there!

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Tue, 01 Oct 2002 18:55:15 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPP-I@yahooogroups.com
Subject: [136693] Rock-Mite/15 Beacon @ 21.063 -- Part 2
Message-ID: <3.0.2.32.20021001185515.006bd664@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

I'll be doing the R-M/15 beacon thing again today on about 21.063 MHz.

Part 2 -- 2400 to 0200 UTC. Appreciate signal reports, pro or con.

I'm hearing the DX beacon on 21.150 now (1900) so this might work. Also 250 mW now after a filter modification. [now almost 300 mW -- just realized I was going throug 2 diode drops in my lashup] Moved the crystal up to about 21.063.3 with 2, 47 pF caps in series with the crystal leads, one soldered to each leg and plugged into the DIP pins.

Last night, I put a 10 pF cap in series with the crystal and it moved the frequency to 21.067.8. Close enough that I was listening to W1AW on 15 meters with a Rock-Mite. Neato or Cool or Whatever... [g]

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Tue, 1 Oct 2002 20:03:19 -0400
From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [136694] FS or Trade: HW-9
Message-ID: <004e01c269a7\$1f7436c0\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have a Heathkit HW-9 (with the bandpack for full 8 band coverage) I have made qso's on all bands except 80 and 12 meters with good reports. However, there seems to be a problem with the power output. The "CW Level" control has very little affect on power output. It puts out about the same power with the control ccw as it does with the control cw. I measure about 3 watts or so, a little less on 10 meters. It was putting out a little more, but in the coarse of moving it from one location to another the power changed to its present level. I have not taken the covers off. It works as is and the receive is great as well as the cw sidetone, T/R switching. The vfo is smooth and doesn't bind. It is in very good physical condition, it is all original and there are no mods visible. I have the complete assembly manual along with the "illustration booklet" and separate schematic. I don't know when they switched, but the manual is a blue and white one, not the usual brown or gold color. I don't think it would be too much of a problem to find out what is causing the cw level control problem. I will ship and insure it for \$150 in the lower 48, or trade up towards a small cw/ssb rig. (TS-50, etc..) I can send pics to anyone interested.

Thanks

Tim

NZ8J

Date: Tue, 01 Oct 2002 20:20:47 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [136695] Bugbear virus
Message-ID: <5.1.1.6.2.20021001201438.02cc8210@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

EVEN if you have active email checking, run a FULL HDD virus scan NOW. The "bugbear" virus exploits a weakness in Internet Explorer, and can enter your system catching you unawares. Look it up at Symantec/et al. It is making the rounds as I write.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 1 Oct 2002 19:33:21 -0500
From: "Brian" <brian@iquest.net>
To: "K1" <elecraft@mailman.qth.net>
Cc: "Pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [136696] Frist K1 DX
Message-ID: <000e01c269ab\$506bee90\$b2682bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yay!! I got my first K1 DX tonight...and it was on 40m!

YY50IE - Antonio down in Caracas VZ shot me a 559

Not bad for a attic dipole and 5w.

Now that fall/winter approaches, maybe I'll have time to work more
Q's.

73

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Tue, 01 Oct 2002 20:31:31 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [136697] RE: Old Books
Message-ID: <5.1.1.6.1.20021001202751.00b257d0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:44 PM 10/1/2002 -0400, you wrote:

> > The looks I got were almost as interesting when I left ARRL's
> > Satellite Experimenter's Handbook laying on my desk at work.
>
>What's the big deal about that? I leave ham books on my desk all the time
>and I don't get any odd looks!

Ed,

The big deal is that I and several co-workers had been launching solid-fuel model rockets in the field next to the plant a few days before.

If you want to experiment with odd looks at work, I might be able to find a copy of "Citizens Band," the crappy CB-themed novel given away as a promotional item by Radio Shack about 1977 or so.

Dave

Dave

"An optimist says the glass is half full. A pessimist says the glass is half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Tue, 01 Oct 2002 20:34:35 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136698] Re: Low Sunspots and QRP
Message-ID: <3D9A3F1B.D0EEECFF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Right Karl, I did read your message and I said "what shall I do with all those 14 MHz contacts I made"! The MUF varies almost everyday. Sometimes it s 12 MHz and sometimes it is 21 MHz.

73

>

> Bruce, if you would read my message rather than just make that stupid

> comment you would see the MUF is 12 MHz in my example...:-(

>

Date: Tue, 1 Oct 2002 20:31:21 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: <qrp-1@lehigh.edu>
Subject: [136699] Wanted: Tube QRP TX or Old QST Project
Message-ID: <0E31j9ZYhtBct79xdTD00007367@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a small homebrew tube type CW transmitter, 2 or 3 tube (oscillator/buffer and PA) or single tube (triode/pentode in same envelope) preferred. If you have one that is gathering dust, please let me know. Old tube QST/CQ projects including regen or superhet RXs also considered. Non-working units OK. Electronic repairs are manageable here, it's the chassis and cabinetry skills that are lacking !

Alan, N3BJ
Bent Mountain, VA

Date: Tue, 1 Oct 2002 20:32:33 -0400
From: "NZ8J" <nz8j@woh.rr.com>
To: <nz8j@woh.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136700] Re: FS or Trade: HW-9 - SOLD
Message-ID: <007b01c269ab\$3420bcc0\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all, the HW-9 has been sold...

73's

Tim

NZ8J

----- Original Message -----

From: "NZ8J" <nz8j@woh.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, October 01, 2002 8:03 PM

Subject: FS or Trade: HW-9

> I have a Heathkit HW-9 (with the bandpack for full 8 band coverage) I have
> made qso's on all bands except 80 and 12 meters with good reports.

However,

> there seems to be a problem with the power output. The "CW Level" control
> has very little affect on power output. It puts out about the same power
> with the control ccw as it does with the control cw. I measure about 3
watts

> or so, a little less on 10 meters. It was putting out a little more, but
in

> the coarse of moving it from one location to another the power changed to
> its present level. I have not taken the covers off. It works as is and the
> receive is great as well as the cw sidetone, T/R switching. The vfo is
> smooth and doesn't bind. It is in very good physical condition, it is all
> original and there are no mods visible. I have the complete assembly
manual

> along with the "illustration booklet" and separate schematic. I don't know
> when they switched, but the manual is a blue and white one, not the usual
> brown or gold color. I don't think it would be too much of a problem to
find

> out what is causing the cw level control problem. I will ship and insure
it

> for \$150 in the lower 48, or trade up towards a small cw/ssb rig. (TS-50,
> etc..) I can send pics to anyone interested.

> Thanks

> Tim

> NZ8J

>

>

>

Date: Tue, 1 Oct 2002 18:05:58 -0700

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [136701] HW-8 Problem

Message-ID: <004601c269af\$debe4540\$18beb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Thought that since the FT-817 is down right now that I'd brush the dust off of my HW-8. I found a problem that I don't recall ever being there before. When I key the transmitter (into either the antenna or a dummy load) and adjust for proper loading, I get some distortion in the side tone. Almost sounds like RF getting into the side tone circuit. It's really bad on 15 and 20 meters, not so bad on 40 meters and not detectable on 80 meters. Now, I notice that when I adjust the loading and decrease the power it goes away. I'll probably go through it tonight if I have time and try and solve it (I was thinking maybe a bad ground somewhere?), but thought that someone out there may have seen this before. Thanks for any info!

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Wed, 02 Oct 2002 01:10:04 +0000
From: Larry Cahoon <lejek@erols.com>
To: w0av@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136702] Re: Old Books
Message-ID: <5.1.0.14.0.20021002010154.02c4bf68@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You got me beat by a year. The XYL came home this summer from one of her yard sale trips with a little gift.

The International Radio Operator's Handbook
Published in 1923 by the John C. Winston Co in Philadelphia.

It covers everything - electrical theory, basic circuits, oscillators, antennas, batteries, generators and motors, Keys and buzzers, electron tubes, transmitters, receivers, amplifiers, filters, codes. And the back of the book is filled with tables of all sorts of things. It does make fun

reading. - 500+ pages and the size of a small bible.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

At 06:15 PM 10/1/2002 -0500, George Franklin wrote:

>Hi Guys,

>

>Since we are talking about old books, how about this one?

>

> RADIO TELEPHONY FOR AMATEURS, by
> Stuart Ballantine

>

>This book was published in Philadelphia in 1922 (the year after I was
>born)

>by David McKay Company.

Date: Tue, 01 Oct 2002 17:25:21 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [136703] QRP SS CW Operating in 2002
Message-ID: <5.1.1.6.0.20021001171135.00b138d0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

It is now about a month away from the annual ARRL CW SS Contest.
Those of you not interested may hit the 'delete' key at this time.

The QRP-L group was started almost 10 years ago (this upcoming April 2003).
And one of the annual activities that has grown with the group is the QRP
operating of the ARRL CW and SSB Contests in November and December
respectively. In fact the of Q (QRP class) logs sent in for last years
contest
exceeded one of the other QRO class of operators. And hopefully this year
we can do even better.

So, in anticipation of the event: now is the time before the first snow (would
you believe that Thursday night of this week that event could happen in
Flagstaff which I can see from my operating desk with a large telescope?)

to get outside and make sure all the antennas are in top shape and it is time for you to practice on the CW speed. So this is the last offer to generate you an MP3 disc with 1600 Qs (contest contacts) for \$20. If you are interested you need to get in touch with me by email by this weekend so that I can sit down and generate one for you in time to practice a few weeks before the contest. You will need an MP3 player and your logging software and about 10 hours or so to get your speed some where between 20 and 35 wpm by then. You don't need to do this but it will help get you a larger score than last year.

I just want to see as many QRPers get on during this contest (and I don't think the Rock-Mite is gonna help you too much :-)) but that would be interesting to try) and do well. I will be operating /7 from WY again.

This is a limited time offer (one week from today) as I will offer the same deal to the QRO operators on the 3830 reflector pretty soon. I have few freebies to send out to major contributors and those that did help me on several problems through out the past year.

FYI

dit dit es cu n tst,

Chuck Adams, K7Q0

<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Tue, 1 Oct 2002 18:29:10 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136704] Fw: Old Books
Message-ID: <008401c269b3\$1e52cac0\$18beb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's another one for you: The "Radio" Handbook by Editors and Engineers. I've got the ninth edition circa 1942. If you like vintage gear and you see one of these at a swap meet, don't pass it up. Lot's of

really good projects and information. I have to be REAL careful with mine as the pages tear very easy. Same time I found that, I got a copy of the 1956 and 1962 ARRL Handbooks! Was a great day for vintage radio. Am still looking for a copy of the RCA Receiving Tube manual...

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: George Franklin <w0av@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 01, 2002 4:15 PM
Subject: Re: Old Books

> Hi Guys,
>
> Since we are talking about old books, how about this one?
>
> RADIO TELEPHONY FOR AMATEURS, by
> Stuart Ballantine
>

Date: Tue, 01 Oct 2002 21:27:26 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [136705] Re: HW-8 Problem
Message-ID: <5.1.1.6.1.20021001212635.00b22440@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Trev,

Is it hooked to a reliable power source?

Dave

At 06:05 PM 10/1/2002 -0700, you wrote:

>Hi Gang,
>
>Thought that since the FT-817 is down right now that I'd brush the dust
>off of my HW-8. I found a problem that I don't recall ever being there
>before. When I key the transmitter (into either the antenna or a dummy

>load) and adjust for proper loading, I get some distortion in the side
>tone. Almost sounds like RF getting into the side tone circuit. It's
>really bad on 15 and 20 meters, not so bad on 40 meters and not
>detectable on 80 meters. Now, I notice that when I adjust the loading
>and decrease the power it goes away. I'll probably go through it tonight
>if I have time and try and solve it (I was thinking maybe a bad ground
>somewhere?), but thought that someone out there may have seen this
>before. Thanks for any info!

>

>73's Trev KG6CYN

><http://home.earthlink.net/~kg6cyn>

><http://www.qsl.net/kg6cyn>

"An optimist says the glass is half full. A pessimist says the glass is
half empty. An engineer says you could have used a smaller glass."

Dave Hinerman

WD8CIV@att.net

Date: Tue, 1 Oct 2002 18:38:26 -0700

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <WD8CIV@worldnet.att.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [136706] Re: HW-8 Problem

Message-ID: <009301c269b4\$67d5f4a0\$18beb2d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Oh, I should have mentioned, I tried it with my Astron 20 Amp power
supply and also a gel cell. No difference either way...Haven't found
anything out of the ordinary yet, but I'm diggin' in...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: David Hinerman <WD8CIV@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, October 01, 2002 6:27 PM

Subject: Re: HW-8 Problem

> Trev,
>
> Is it hooked to a reliable power source?
>
> Dave
>

Date: Tue, 01 Oct 2002 17:44:13 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [136707] [OT] Operating Systems
Message-ID: <5.1.1.6.0.20021001172546.00b20170@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

My Internet PC went down about a week ago and I lost all of my old email, so if I was working on something for you I need you to resend me a reminder. This was not the first time in recent times that this has happened to me but this time was not repairable.

It was frustrating to have the system lock up when a program generated a 0 character file to print. First the printer locked up and then the Win98 system locked up. The Vulcan-Death-Grip (ctrl-alt-del sequence) refused to operate and many reboots and power ups did not revive the system. I then spent a few days reloading Win98 without any success due to missing modules errors and the list goes on and on and I won't bore you with all the gory details.

So on Sunday I bit the bullet and bought a brand new copy of Windows XP. Obviously I was successful and here I am back to the land of the living. I was not happy with the price tag of the product after having spent 1/3 of that on LINUX and got a lot more for the money IMHO.

BUT, I have a question. While I'm sitting here on line with the Internet I see a lot of "traffic", i.e. bytes of data being downloaded. I assume that this is updates being done by my friend Bill Gates up in the Washington state area.

Is this normal? OK, is it to be expected? I wouldn't call it normal. :-) ;-) Is there a "monitor routine" included with XP that will tell me where the data is coming from and where it is going? Looks like a security issue on my end to me. I certainly don't like being in the dark on this one.

After my weekly Phoenix trip tomorrow I will sit down with the LINUX admin manuals and look up doing some work with ppp to connect to earthlink.net and give up Microsoft software forever if at all possible. Off line if someone who is an experienced LINUX administrator could give me some cookbook steps it would speed things up for me and save me a lot of valuable time. I'll throw in a rig that I will tell you about when we get started. :-) Bribes are no problems from here. :-) It has to be earthlink.net related setup(s)....

The only reason in the world for me to have any WinXX system up and running of the five systems that I have is one to connect to earthlink.net and upload and download from my account at qsl.net and the monitoring of the list and the rest of the QRP world. I know that I can do this with LINUX but I just had too many other projects going to give this much time until now.

I will go back to my updating of the work on qsl.net on Thursday when I get back to the home QTH.

Thanks for the help again and sorry to once again bring up O/S topics.

dit dit

Chuck Adams, K7QO
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Wed, 2 Oct 2002 01:45:51 -0400
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136708] Re: Rock-Mite-20 CQ from the mobile...answered!
Message-ID: <002901c269d7\$32b4f3c0\$8031410c@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bill,
Agn Congratulations.
I had some QRM and QSB but was impressed by the quality of your tone.
Today isn't the best day for this kind of DXs but happy for the QSO.
BTW you were my first QSO with a Rock Mite.

TNX es 72

Juan - KG4FSN

----- Original Message -----

From: Bill, N4QA <n4qa@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, October 01, 2002 7:43 PM

Subject: Rock-Mite-20 CQ from the mobile...answered!

>
>
> Been running the RM-20 in the mobile since Monday morning.
> No luck 'til this afternoon, parked in the driveway.
> Running 300 mW out to the Hustler on the rear bumper of the pickup, called
> CQ near the QRP freq and was answered by Juan, KG4FSN, in Coral Springs,
> FL... DX of 752 miles, as the crow flies.
> Just prior to this QSO, tweaked the whip to eliminate the 70 mW of
reflected
> power that had just been heating up the 2N2222A final...
> Juan was running 4 W from the Emtech NW-20 to a dipole and was 559 here in
> SW VA. Juan gave me 529...not bad (if I do say so myself) for 300 mW to an
> antenna which is only about eight feet long...not counting the truck body
:)
> Maybe soon I'll make a Q zipping along I-81 to/from work...
> See y'all out there!
>
> 73.
> Bill, N4QA
> <http://www.qsl.net/n4qa/>
>
>
>
>
> -----
> MSN Photos is the easiest way to share and print your photos:
> <http://photos.msn.com/support/worldwide.aspx>
>

Date: Tue, 01 Oct 2002 17:47:47 -0800
From: Jim Larsen - AL7FS <JimLarsen2002@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [136709] Re: Bugbear virus
Message-ID: <3D9A5043.2B62B97D@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

----- Original Message -----

Subject: Re: Bugbear virus
From: Ed Tanton <n4xy@earthlink.net>
<text deleted> You might publish your comment to QRP-L... <text delete>
THIS one is going to be a bad one.

Ok, Ed, I will do that.

Here is the content of my private email to Ed.

You are right about that. One hit here today. I accidentally left Norton Utilities on overnight and it ran a NAV full drive virus scan and found it. That is the first time a virus has made it to the HD without being caught on the way in by Norton AntiVirus 2002.

73, Jim

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs/>

Date: Tue, 1 Oct 2002 21:43:24 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136710] Reference Books
Message-ID: <002201c269b6\$7f8ff3a0\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try an original copy of Dr. Browns treatise on Directional Antennas, or

Reference Data for Radio Engineers third edition (1943) or autographed copy of Antennas by Kraus 73 - Ron W2WU

----- Original Message -----

<SNIP>

Date: Tue, 01 Oct 2002 19:54:40 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [136711] Re: Goodbye sunspots, goodbye QRP
Message-ID: <B9BFAE00.1E0C6%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bob - I have been licensed since 1965, a year after the sunspot minimum. So that is 4 sunspot minimums.

Here is my experience, in a nut shell.

10 M is not too active. However there will be an occasional opening (say once or twice a week) to South America, particularly around the equinoxes. Sporadic E is good on 10 M May through August, and seems to peak when the sunspots are at minimum. Unfortunately not too many QRP CW ops monitor 10 M CW during the sporadic E season. Fortunately SSB and FM contacts are easy to make with 5 W on 10 M. The 10 M beacons between 28.2 and 28.3 are good to monitor for sporadic-E activity. The NCDXF 10 M Beacons are good to monitor for DX openings.

15 M will be open most days around mid day. The skip will be long, but continental US contacts are possible at mid day most days. There will be some DX openings to Europe in the morning, to South America at midday and to the South Pacific in the afternoon. Sporadic E is fairly common on this band.

17 M will be open when 15 M is not. I recall that 17 M was open somewhere most days during the last solar minimum. When the skip gets short on 20 M, go 17 M will most assuredly be open.

20 M will be open to somewhere every day. It will close fairly quickly at sunset though. There may be some DX in the evening, but nothing like it is now.

30 M will be quite similar to what we see on 20 M now. DX will be available in the evening most days, and through the night on several days a week. With

the 250 W power limits on 30 M, and the rarity of beams, it is much easier for the QRPer to be competitive on this band.

40 M will be somewhat better during the day. There will be much more DX in the evening and early morning hours. The band will be quieter. The skip will often "go long" late in the evening and all the state side stations will disappear. Long state side QSOs are possible with low power shortly after sunset and before sunrise.

80 M DX and weak signal work is very pleasant during the sunspot minimum. The static that is propagated to the states from the tropics during high sunspot times is gone most nights around the winter solstice. The band is a joy to work, except that the proliferation of TV color burst interference and other household RF generators now negate much of this advantage. I would guess the QRP PSK-31 activity will be quite productive during the sunspot minimum.

160 M is much like 80 M, except that the noise never drops s much as it does on 80 M.

My dad and I have twice weekly skeds. During the sunspot maxima we operate on 17 M, with 20 M a fall back if propagation is spotty. During the minima, we operate on 20 M with 40 M a fall back.

Your location will also make some difference. The further south in the US you are, in general the more openings you will see during the sunspot minima. On the other hand, only the guys in the north have a realistic chance at Aurora.

BCB and LF beacon DXing is fun during the sunspot minimum.

If the HF bands do not excite you during the sunspot minimum, try weak signal (SSB and CW) VHF and UHF, or the amateur satellites. .

If you get a propagation program you can plug in the solar conditions for solar minimum and see for yourself what sort of propagation (MUF) you will expect.

The NCDXF beacon network is also a good indication of propagation. I always listen to the beacon frequency before I proclaim a band dead.

QRP is still fun during the sunspot minima. You will need to adjust your operating habits, usually by down a band or so, but the contacts, and fun, will still be there.

I hope that this helps. - Dr, Megacycle KK6MC/5

--

James R. Duffey KK6MC/5

Cedar Crest, NM DM65

Date: Tue, 1 Oct 2002 21:11:36 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@lehigh.edu>
Subject: [136712] Network News: Climbing the Ladder
Message-ID: <01C2698F.210C76E0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello, book lovers,

I've been chipping away at Wes Hayward's book, "Introduction to Radio Frequency Design" lately, trying to learn a thing or two. Despite the inclusion of the word "introduction" in the title, this book is fairly rigorous. But as I was reading in chapter 2 of a method for analyzing ladder networks, I had one of those, "Hey, this doesn't look too hard" reactions. The technique computes the gain (actually, attenuation) (actually, transfer function) of a network. It's a method that can gladden the heart of a computer geek, since it can be applied as an iterative process, e.g. a computer program.

So the obvious question is, "Who cares?" Aren't networks some kind of nebulous, conceptual things that only theorists think about? Sometimes. But it turns out that a great number of passive circuits used in our rigs can be characterized as ladder networks. Transmitter output filters: PI networks, tee networks, L matching sections. Also filters: many low pass, high pass, band pass, and most of the crystal filters we've been fooling with. Basically, any of those circuits with a series "backbone" of Ls, Cs, Rs, or XTALS, and shunt "legs" of similar components going to ground at some or all of the junctions. It doesn't have to look like a healthy centipede to use this method of analysis though--it might be missing some legs or have no legs at all.

End of preamble. Now, anyone who's waded through some of my verbose posts knows that I think Excel is the greatest analysis tool since the VTVM. So naturally I had to see if I could implement IRDFs technique in a spreadsheet. After much hair tearing and head banging, I think it's looking OK. Finding the attenuation at one frequency was fun, but feeding the spreadsheet a whole band of frequencies with a Visual Basic routine is what makes it nice. Then you can plot all that data on an Excel graph and you have the frequency response curve for the circuit. [Warning: Fool with Visual Basic for Excel too long and you'll be a candidate for a padded cell.]

It ends up being a lot like Hayward's GPLA.EXE ladder analysis program.

There are lots of other programs that can do this sort of thing, so it's certainly nothing new. But every tool has its advantages and disadvantages. With Excel, it's nice that you can change it and customize it if you have a little Excel knowledge.

I added a few extra things to facilitate crystal filter analysis.

Anyway, if you want to take a look, it's on my page at

<http://www.cox-internet.com/wa5bdu/>

and see the link in the paragraph right before my shack photo. I think right-clicking the file link and saying "download file" is the way to go.

A couple of other notes--You need to have Excel's "Analysis ToolPak" and maybe "Analysis ToolPak VBA" installed, under Tools--Add-Ins. They came with your disk. And when you get the security warning about Macros, it's OK--enable them.

It's a work in progress and bound to have a bug or two. If it blows up, let me know.

72--Nick, WA5BDU

Date: Wed, 2 Oct 2002 02:11:48 +0000 (GMT)
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
To: <k7qo@earthlink.net>, <qrp-1@lehigh.edu>
Cc: <nyc-g33ks@nyc-g33ks.org>
Subject: [136713] re: [OT] Operating Systems
Message-ID: <20021002021148.D348D4505@mo130uhou.palm.net>
Mime-Version: 1.0
Content-Type: text/plain ; boundary="-----_Part_50656_1596444.1033524708871"

Hi all from Adam Kb2Jpd

Sorry to hear about your grief with Win98. That problem is very typical with most installs more than 3 months running. The registry files get clobbered or the operating system does an incomplete rollback and you see all this crap. Refreshing the system files does not seem to help with the old crappy registry files. A simple file checker prior to blindly digesting those files would have been a great help.

A checkdisk, scandisk and a fresh install usually does the trick. Half the time the

important files sit on the most errorprone sectors on the hard drive. Then it is either hair-pulling time or as you decided time to sow new seed.

My thoughts about XP are still out. It solves that problem but creates a whole new nest of problems. I will do with my win98 and linux, thank you.

Good luck with yours.

Adam Vazquez Kb2Jpd
FDNY EMS Command

Internet handheld mobile

This email was sent from either Palm(TM) i705 or Sharp Zaurus handheld.

k7qo@earthlink.net wrote:

>

>

>Gang,

>

>My Internet PC went down about a week ago and I lost all of my
>old email, so if I was working on something for you I need you to
>resend me a reminder. This was not the first time in recent times
>that this has happened to me but this time was not repairable.

>

>It was frustrating to have the system lock up when a program
>generated a 0 character file to print. First the printer locked up
>and then the Win98 system locked up. The Vulcan-Death-Grip
>(ctrl-alt-del sequence) refused to operate and many reboots
>and power ups did not revive the system. I then spent a few
>days reloading Win98 without any success due to missing
>modules errors and the list goes on and on and I won't
>bore you with all the gory details.

>

>So on Sunday I bit the bullet and bought a brand new copy
>of Windows XP. Obviously I was successful and here I am
>back to the land of the living. I was not happy with the
>price tag of the product after having spent 1/3 of that
>on LINUX and got a lot more for the money IMHO.

>

>BUT, I have a question. While I'm sitting here on line with
>the Internet I see a lot of "traffic", i.e. bytes of data being
>downloaded. I assume that this is updates being done
>by my friend Bill Gates up in the Washington state area.
>Is this normal? OK, is it to be expected? I wouldn't call
>it normal. :-) ;-) Is there a "monitor routine" included with
>XP that will tell me where the data is coming from and where
>it is going? Looks like a security issue on my end to me.

>I certainly don't like being in the dark on this one.
>
>After my weekly Phoenix trip tomorrow I will sit down with
>the LINUX admin manuals and look up doing some work
>with ppp to connect to earthlink.net and give up Microsoft
>software forever if at all possible. Off line if someone who
>is an experienced LINUX administrator could give me some
>cookbook steps it would speed things up for me and save
>me a lot of valuable time. I'll throw in a rig that I will
>tell you about when we get started. :-) Bribes are no problems
>from here. :-) It has to be earthlink.net related setup(s)....
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>The only reason in the world for me to have any WinXX system
>up and running of the five systems that I have is one to connect
>to earthlink.net and upload and download from my account at
>qsl.net and the monitoring of the list and the rest of the QRP
>world. I know that I can do this with LINUX but I just had too
>many other projects going to give this much time until now.
>
>I will go back to my updating of the work on qsl.net on Thursday
>when I get back to the home QTH.
>
>Thanks for the help again and sorry to once again bring up O/S topics.
>
>
>dit dit
>
>
>
>
>Chuck Adams, K7QO
><http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>
>
>Moving to Arizona? ---- Please bring your own water.
>

Date: Tue, 01 Oct 2002 21:17:47 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [136714] Re: Weiss?
Message-ID: <HG94JHMGKHQMKEMLA6X85754Z743Y.3d9a574b@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi Jimmy:

You asked:

"Are the books by w0rsp still available?
Jimmy, AE4DT"

Yes, both the JOY and HISTORY are available thru Kanga, QRP BOOKS, or directly from me. I suspect that you could go to one of those WEB sites and do a quick credit card order instead of sending an order to me.

72, Ade Weiss W0RSP

Date: Tue, 01 Oct 2002 20:21:05 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [136715] Ham Books at LLibrary Sales
Message-ID: <B9BFB431.1E0CB%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

In the 10 years I have been in Albuquerque, I have purchased the following ham related books at local library sales;

ARRL VHF Manual ca 1965 (\$0.50)

ARRL VHF Manual ca 1967(?) (\$.50)

ARRL FM and Repeaters Manual (70s edition) (\$.50)

ARRL Antenna Manual (1970s brown edition) (\$.25)

ARRL 1985 Handbook (\$1.00 - compare to price of a similar copy offered here!)

ITT Radio Engineering Data Book 5th edition (\$.75)

The Components Volume of the Radiation Labs series (\$1.00)

I have seen early editions of Horowitz and Hill, and other editions of the Handbook at these sales.

The local library used to have a gigantic yearly sale at "The Pit" with over a million used books. Now they have monthly sales and the selection is not

nearly as large, but the ham related books are still there. They are not at every sale, but I always look at the technical section to be sure. Albuquerque is a fairly technical town, so that may help, but I am fairly sure if you keep going to library sales you will find a few used ham books cheap. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Tue, 01 Oct 2002 22:33:53 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
NB6M@aol.com
Subject: [136716] Re: Step Up Regulator
Message-ID: <3D9A22D1.32286.13FC4E7@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hmmm...now this is interesting.....

The battery on my 15V Toshiba laptop has long since given up the ghost. I really have no need for a voltage capable of recharging the battery...I just want to run the computer. If I did need a recharging voltage, I could plug the laptop into the wall when I am at home.

You are telling me that I can connect the computer directly to the lighter plug in car and everything will be fine? Do I need to worry about transients when starting the engine etc?

Henry

On 1 Oct 2002 at 16:56, NB6M@aol.com wrote:

> George,
>
> You are right, the computers themselves will run on 12 Volts. But,
> for the laptops and other types that have internal batteries, those
> batteries will not only not get charged, they will run down and
> eventually go completely dead from lack of charging, as 12 Volts
> simply is not a high enough voltage level for their internal battery
> chargers to work.
>
> So, if I was going to run a laptop from 12 Volts only, for any length
> of time at all, I would at least remove the internal battery and
> provide some method of charging it, so that it doesn't become totally
> useless.
>
> 72
>
> Wayne NB6M
>

Date: Tue, 01 Oct 2002 21:45:58 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [136717] Re: Minooka Special (was -RE: The non resonant monopole issues)
Message-ID: <IGIDC7SMUPVR85IEOK72TN2ZWVKE09RN.3d9a5de6@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi Tracy:

The antenna you describe as:

"Some years ago I built an antenna from one of the antenna books called a 'minooka special.' I have no clue why they called it that, but I digress.

It seems that you take a random, as big as possible, length of vertical radiator and guy it from the top with electrically connected guys, insulated from ground."

is basically a top-loaded vertical. Paul Lee K6TS discussed it briefly in his THE AMATEUR RADIO VERTICAL ANTENNA HANDBOOK. He used a couple of commercial installations as an example. The use of multiple guys around the pole simply increases the amount of loading and hence brings the base impedance up

to more reasonable levels for matching/feeding. It is a "shortened" vertical, i.e., less than a 1/4-wave for the frequency. A symmetrical arrangement of the guys is assumed.

It would be an interesting modelling project. John Devoldere ON4UN gives modelling results for just a pair of guys at 45-deg angles (1994 edition, p. 9-33).

72, Ade

Date: Tue, 1 Oct 2002 22:51:23 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [136718] Re: Firth/Fishpool Simple Test Equipment for the QRP'er Book is in Second Printing
Message-ID: <000c01c269be\$999d70d0\$a1c13ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I received my copy of Graham & Tony's book in the mail yesterday and spent most of the evening pouring through it to select "the first" project I was going to work on. What a pleasant experience in prioritizing fun projects to first get solder attention on the bench!

This book is a homebrewer's dream collection of projects, test equipment and ideas. Like many of us here on the Lists, I just love homebrewing and it thrills me to no end to get an idea for a new use of a common circuit or a new way to package something.

Another thing that really made me chuckle in going through this 58-page book is the subtle British humor, their jargon and the way they represent schematic values & symbols. It's not just any author who can make you go back to the L/C resonance equation (for example) to determine if you've moved the decimal point in the right direction ... a nanofarad? Really! :-)

Lastly, I really must comment on the quality of the editing in this book. The combined effort of all three (G3MFJ, G4WIF and KI6DS) clearly shines through in this easy-to-see, 'nary a typo, cleanly layed out project book. Perhaps more than most, I can really appreciate the time and attention this takes, and my hat is definitely off to Tony, Graham and Doug.

Thanks for doing this for us all, guys!

73, George N2APB
n2apb@amsat.org

PS: You might wonder which project I ultimately selected as my first one to do ... the Spectrum Wavemeter on page 10 really caught my attention as a useful add-on to the QuickieLab. More on this later!

Date: Tue, 01 Oct 2002 22:55:57 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [136719] Re: Rock-Mite-20 CQ from the mobile...answered!
Message-ID: <F120wY0VnkB4ltFlmm100007828@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, Juan.
Tnx again for the FB QRP QSO.
Your NW-20 sounds great.
Yes, 20 meters was weird here today...heard a W7 and others with that funny 'Aurora flutter' about the time of our Q...dunno if that was longpath or what...never heard it before on a primarily east-west path like that in my 37+ years of hamming...always something 'new' :)
Glad to be your first contact with a Rock-Mite.

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Tue, 01 Oct 2002 21:58:13 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [136720] Re: Step Up Regulator -- Results...

Message-ID: <54X872WVPNKPJSQQNMGOIFAC7ECJGUP.3d9a60c5@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

Other posts cover the v/a requirements of various laptops. Prior to trip this past summer, my brother picked up an RS converter unit for \$60.00 to run an IBM Thinkpad off the vehicle's 12v lighter receptacle/. The primary objective was entertaining the kids with DVD movies. First movie went great and we were very pleased at the peace and quiet from the rear of the SUV. However, about 20-mins into the second movie (later, after the laptop cooled down), everything went dead. The power supply in the Thinkpad went south. POnly cost \$200 to fix -- OK considering the initial \$4K investment. The big question remains -- was the p.s. on its way out to start with and the usage/failure point a simple coincidental convergence? Or, did the RS converter do it? Or what?

Oh well, wasn't my laptop and I didn't like the soundtrack of the movies anyhow...

72, Ade W0RSP

Date: Tue, 1 Oct 2002 21:18:49 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136721] Re: [OT] Operating Systems
Message-ID: <Pine.LNX.4.44.0210012100020.4343-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Chuck, I'm a long term user of Linux having first used it in 1994. Using linux is much more difficult than using Microsoft products because they come with drivers for all the new hardware in new computers.

To load linux you need to really understand your computer and it's components. I'm using the Red Hat version 7.3 which still has some basic faults. I had to hand write the file that gets me on the internet. Took me several days to learn how to do this.

I have a large hard drive (30 Gigabytes) and so I partitioned it into 3 10 Gigabyte partitions and have windows 98 second edition in the first, Linux Red Hat 7.3 in the second and Linux Red Hat 7.2 in the third.

Linux comes with a loader called Grub and Lilo. Use Grub because it's much better and do about the same thing I am doing. Leave your XP you paid \$100 for in the first half of your hard drive. Put Linux in the second part since it doesn't need to be in any particular part of the hard drive.

Get Linux from www.cheapbytes.com and just buy the 3 cd-rom set of "Pink Tie" which is the newest Red Hat Linux. It will cost about \$8.00 with shipping.

Now goto the Red Hat web page www.redhat.com and search for documentation on Red Hat version 7.3 and there are 4 adobe acrobate files you can read on windows while waiting for the CD-rom's to arrive. Print the first one called Installing Red Hat.

When you get stuck, e-mail me with questions.

On Tue, 1 Oct 2002, Chuck Adams, K7Q0 wrote:

>
>
> Gang,
>
> My Internet PC went down about a week ago and I lost all of my
> old email, so if I was working on something for you I need you to
> resend me a reminder. This was not the first time in recent times

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 01 Oct 2002 23:37:58 -0400
From: Ron Majewski <ron.majewski@veridian.com>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [136722] FS: 80m OHR Spirit II QRP Transceiver
Message-ID: <3D9A6A16.E87BAA48@veridian.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For Sale:

Oak Hills Research Spirit II xcvr, 80m
In Excellent condition inside and out, fully functional
Nice radio -- just doesn't get much use
Set up to cover 3.5-3.6 MHz
RIT, AGC, built-in keyer, manual
About 4w output (lower at 3.5 MHz)

\$75 including CONUS shipping
Money Order up front please

Contact:

Ron (W8RU) at w8ru@arrl.net
Thanks and 72!

Date: Wed, 02 Oct 2002 03:46:29 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: brian@iquest.net, elecrafft@mailman.qth.net
Cc: fpqrp-l@mpna.com, qrp-l@lehigh.edu
Subject: [136723] Re: [fpqrp] Frist K1 DX
Message-ID: <F207mzqnSETVDYHQ6200000fafa@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

WIIIGIII!!!!

72 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # 9299
GACW #622
ARS #1363

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Tue, 1 Oct 2002 21:46:31 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136724] Re: QRP SS CW Operating in 2002--ARCI Fall QSO Party "warmup"
Message-ID: <000701c269c6\$4cd31c20\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Don't forget the ARCI Fall QSO party coming on 19-20 Oct--a great warmup for SS and also a good opportunity to shakedown your contesting/logging station in preparation for SS. Let's get a lot of activity going for both contests!

73 de Dave NK0E

Date: Tue, 01 Oct 2002 21:52:33 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>, <nkennedy@tcainternet.com>
Subject: [136725] Advanced References
Message-ID: <B9BFC9A1.1E0DC%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Nick - Your mention of Hayward's "Introduction to RF Design" reminded me that I was going to do a short note on references for those times when you want to go beyond what is in the Handbook or Antenna book.

Introduction to RF Design (IRFD) by Hatward (W7ZOI) - ARRL - In the foreward, Wes says he wrote the book he wishes he had when he started RF design. It is definitely an engineering text, but accessible to people who have a good technical and math background. It is not a circuits boook, but rather a basic (and thorough) introduction to RF amplifiers, oscillators, mixers, filters/networks, and receiver architecture. The best part of the book may be the included software, including Wes's famous crystal filter program. At \$30 or so it is not cheap, but if you want to know RF design from the ground up this is a good place to start. My wife bought me a copy when I was laid up with pneumonia 4 years ago and had to spend two weeks at home hooked up to an oxygen machine. I read IRFD in small bits and learned a

lot. I recommend the book, not the method of absorbing the material.

Antennas by Kraus (W8JK) - This has been a staple of undergraduate engineering courses for 50 years. While it assumes a knowledge of calculus, much of the book is accessible to those knowledgeable in algebra and trig. The latest edition has a section on the method of moments if you want to know what NEC is really doing. I used this book to calculate radiation patterns for my phased array science project in 1967 as a high school junior. Lots of good basic stuff here.

Radio Engineer's Handbook - Terman - This is an old book from the 40s and 50s. I don't think it is in print. Most technical libraries will have a copy. The circuits, using vacuum tubes are dated, but much of the rest of the book is still useful. The discussion of the advantages of FM over AM is as good as any you will find, as is the discussion of noise. I don't own a copy, but I keep looking for one cheap.

There is lots of good information in IEEE and IRE Journals. I regularly read the IEEE Proceedings of Antennas and Propagation. In the middle 50s the Proceedings of the IRE published an entire issue devoted to the new (then) mode of SSB. This is fascinating reading if you are looking for something to do on a rainy Saturday afternoon in an Engineering library.

Sevick's books on Baluns are good reading, even if he is a bit pragmatic for my taste.

I hope that this helps. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Tue, 01 Oct 2002 21:23:32 -0700
From: Russ Dow <n7dw@earthlink.net>
To: k7qo@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136726] Re: [OT] Operating Systems
Message-ID: <3D9A74C4.2060106@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Chuck and the list,

I am running Win98 here. I also dabble with Linux but haven't put it to serious use yet.

My point is that I am using Earthlink without a single byte of Earthlink's software on my computer. I set this up several months ago, so my memory may be a bit fuzzy on the details. But as far as I recall, all I needed to know was a dial-up phone number plus the incoming and outgoing Earthlink mail server names. I set those up in Netscape (earlier 4.7, now 7.0) and I was up and running. If I want to see the Earthlink home page, I have it bookmarked. ;-)

YMMV, but I think this should work as well on Linux as it does on Windows.

73/GL,
Russ N7DW

Chuck Adams, K7QO wrote:

>
>
> Gang,
>
> My Internet PC went down about a week ago and I lost all of my
> old email, so if I was working on something for you I need you to
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> when I get back to the home QTH.
>
> Thanks for the help again and sorry to once again bring up O/S topics.
>
>
> dit dit
>
>
>
> Chuck Adams, K7QO
> <http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo>
>
> Moving to Arizona? ---- Please bring your own water.
>
>

Date: Wed, 02 Oct 2002 00:41:02 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: n7dw@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Cc: k7qo@earthlink.net
Subject: [136727] Re: [OT] Operating Systems
Message-ID: <5.1.0.14.2.20021002003305.02ecee68@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A few years ago I had Red Hat 5.something talking to Earthlink Both dialup and through the proxy/firewall that was probably running on an NT4.0 box. Used PINE and mail and lists worked fine, like a good PINE should at least its not ELM!

Chuck if you got XP, I hope it was PRO and not Home I was at a Microsoft OEM SystemBuilder 5 hour seminar a few months ago and the general consensus was if you want to remain on good terms with your customers do NOT sell Home Sell PRO!

73 Hank K8DD

At 10/1/2002 09:23 PM -0700, Russ Dow wrote:

>Chuck and the list,

>

>I am running Win98 here. I also dabble with Linux but haven't put it to
>serious use yet.

>

>My point is that I am using Earthlink without a single byte of Earthlink's
>software on my computer. I set this up several months ago, so my memory
>may be a bit fuzzy on the details. But as far as I recall, all I needed
>to know was a dial-up phone number plus the incoming and outgoing
>Earthlink mail server names. I set those up in Netscape (earlier 4.7, now
>7.0) and I was up and running. If I want to see the Earthlink home page,
>I have it bookmarked. ;-)

Date: Wed, 2 Oct 2002 00:34:37 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@lehigh.edu>
Subject: [136728] Alesis DSP system
Message-ID: <DAV55s84evTZXWsovVS00008aaa@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just finished the draft schematic for the Alesis DSP prototype. It may be used connected to a PC via RS-232 for development, or stand-alone with a

couple of switches to select filter options, etc.

Since it has an AVR microcontroller on-board, with an ISP connector, it may easily be upgraded via the PC.

The Alesis ADC and DAC are both stereo devices, so it may be used for I/Q baseband processing, as well as binaural simulation. Excellent CW and SSB filters will be quite straightforward. The DSP is 24 bits, so the dynamic range should be adequate. Fast AGC might be feasible, because of an interesting feature of the DSP.

It will be quite inexpensive, given that the Alesis chips (DSP, ADC and DAC) only cost about \$12 on a one-off basis.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Wed, 2 Oct 2002 06:53:38 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136729] Re: [OT] Operating Systems
Message-ID: <002801c269d8\$32a39930\$73f00350@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck,

If you purchased the Professional version then you can use the Task Manager to look at network traffic. Start Task Manager by right clicking on the menu bar at the bottom of the screen and select Task Manager. Click on the Networking tab to look at network activity.

If you are running the Home version, I am afraid I have no experience and cannot help you!

RAy

Date: Wed, 2 Oct 2002 17:46:30 +1000
From: "Graeme Zimmer" <gzimmer@bigpond.com>
To: <leon_heller@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136730] Re: Alesis DSP system
Message-ID: <002b01c269e7\$d31f4940\$5ddefea9@mainpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The Alesis ADC and DAC are both stereo devices, so it may be used for I/Q
> baseband processing, as well as binaural simulation. Excellent CW and SSB
> filters will be quite straightforward. The DSP is 24 bits, so the dynamic
> range should be adequate. Fast AGC might be feasible, because of an
> interesting feature of the DSP.

I guess that you haven't read my web pages yet...
The Alesis can most definitely give excellent AGC !!! (fast attack, slow
decay).
I get a good 100db of AGC and around 55 db of sideband rejection...
When I get a moment spare I'll post the code for my Alesis phasing RX and
TX.

Detlef DL7IY published a receiver design using the Alesis a few months ago
in a German Ham magazine...
It is also based on a version of my code.

later Zim VK3GJZ
<http://www.users.bigpond.com/gzimmer/>

Date: Wed, 2 Oct 2002 03:44:06 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136731] Possible solar panel for QRP
Message-ID: <000f01c269ef\$e0434380\$5712f143@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The URL below is to a solar panel product that may be of interest to
QRPer's.

Tony
KB9YIG

www.donrowe.com/isun/isun.html?source=overture6

Date: Wed, 2 Oct 2002 07:13:08 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <adamvaz@palm.net>
Subject: [136732] Re: [OT] Operating Systems
Message-ID: <002001c26a04\$b5c9a620\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
Subject: re: [OT] Operating Systems

> Sorry to hear about your grief with Win98. That problem is
> very typical with most installs more than 3 months running.

That is pure, unadulterated, horsehockey.

Most of the Win98 systems I know of (thousands) are installed almost 4 years. Some are well managed, some not. I have to admit I don't know why a few systems seem to be unable to operate for more than a little while. That does happen, but it is absolutely not "typical". It is something you see on perhaps a fraction of a percent of the systems.

There is a LOT wrong with Win98. Don't get the idea I think it's some sort of paragon of stability. But it is absolutely not typical that things fall apart after 3 months.

One thing did scare me about Chuck's original post. He seemed to indicate that he had a Windoze box directly connected to a high speed Internet connection. That is something I would not do. Chuck knows how to set up a Linux system, and I would suggest he put a Linux firewall between the Internet and the Windoze box. It is just WAY to risky to expose a Windoze box directly to the net.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Wed, 2 Oct 2002 07:12:54 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <NB6M@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136733] Re: Step Up Regulator
Message-ID: <009601c26a04\$c2e20140\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: <NB6M@aol.com>

> You are right, the computers themselves will run on 12 Volts. But, for
the
> laptops and other types that have internal batteries, those batteries
will
> not only not get charged, they will run down and eventually go
completely
> dead from lack of charging, as 12 Volts simply is not a high enough
voltage
> level for their internal battery chargers to work.
>
> Wayne NB6M

Actually, it depends on a lot of things. Most laptops have small
switchers
at the input for power. When the input voltage is not 'high enough', they
can usually just draw more current to make up for it, but then there's a
few issues that come to play.

One is the design. Most of the interfaces I've run into actually use the
switcher to boost and then pulse charge the battery, so the statement
that it won't charge the battery isn't true. It just won't charge it as
efficiently. If you do happen to have a unit that just pulses the
battery
without a boost, yes, you may lose charging ability if the input voltage
drops too low.

The other thing is modern laptops are very 'heat sensitive'. They can
do all kinds of things to keep the heat down, from throttling the CPU
to shutting down sections. And all of these can become more aggressive
when the unit senses it's heat rising.

Mike

Date: Wed, 2 Oct 2002 07:19:21 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <JimLarsen2002@alaska.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136734] Re: Bugbear virus
Message-ID: <00c601c26a05\$8fb0bae0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jim Larsen - AL7FS" <JimLarsen2002@alaska.net>

>

> You are right about that. One hit here today. I accidentally left Norton
> Utilities on overnight and it ran a NAV full drive virus scan and found
> it. That is the first time a virus has made it to the HD without being
> caught on the way in by Norton AntiVirus 2002.

>

> 73, Jim

I've not been too pleased with NAV the last few months. Back in early
August I got 5 suspicious emails. They didn't trigger my virus alert, but
I
didn't open them in any case. I 'archived' them off. When I did that, I
ran
a full system scan. Came up clean. Just in case, I emailed three of the
archived files off to Symantec (NAV has an easy way to 'submit' a file
to them right from the scan you are suspicious about) and I got a
response that all three were infected.

OK, I thought, they might be 'new variants' and not detectable yet. Well,
I STILL have them, and they are STILL undetectable from the scans. And
my emails to Symantec have gone unanswered as to why that is so.

Mike

Date: Wed, 2 Oct 2002 07:27:00 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136735] Re: [OT] Operating Systems
Message-ID: <00fa01c26a06\$ad124940\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

From: "John J. McDonough" <wb8rcr@arrl.net>
> One thing did scare me about Chuck's original post. He seemed to
indicate
> that he had a Windoze box directly connected to a high speed Internet
> connection. That is something I would not do. Chuck knows how to set
up a
> Linux system, and I would suggest he put a Linux firewall between the
> Internet and the Windoze box. It is just WAY to risky to expose a
Windoze
> box directly to the net.

I agree, but you don't have to dedicate a Linux box. But then, that may
be a good use for Linux.

"Residential Gateways" Like the D-Link DI-701 are available quite cheap,
like under \$60 or so. They are also available from other vendors in
various makes and models and really simplify home networks.

I put a DI-701 in here with my cable modem a year and a half ago.

Oh, my kids machines, my machine, 3 laptops, and two other desktops
have been running WIN98SE for over 2 years. Only one machine has
been down. And that one machine has a hardware issue.. (OK, ok, I
do have a linux box, but it's not on the network....)

Mike

Date: Wed, 02 Oct 2002 07:38:30 -0400
From: "John O. Newell" <jnewell@attbi.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136736] NEQRP 10/1...?
Message-ID: <3D9ADAB6.C928E005@attbi.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looked for the net last night from about 1930 to 1945L in
the upper part of 40m and after a while on 80m also, nothing
heard?

72/73
John Newell
KB1FPM

Date: Wed, 02 Oct 2002 06:40:31 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [136737] Results R-M/15 Beacon
Message-ID: <3.0.2.32.20021002064031.007e9980@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

With the various propagation factors being on the poor to bad side, the
results were mostly negative.

Only one report that the beacon was heard and that was a station about 6
miles away. Stations 25 to 65 miles away reported nothing heard.

I'll try it again on 15 when the propagation conditions are better.

Many thanks to all who listened for the R-M/15 maiden voyage.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 02 Oct 2002 07:55:52 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136738] Re: Bugbear virus
Message-ID: <3D9ADEC8.31C4B80E@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

My McAfee caught it right away.

Al, K2ZN

Date: Wed, 02 Oct 2002 07:59:02 -0500
From: kcieslak <kcieslak@execpc.com>
To: qrp-1@lehigh.edu
Subject: [136739] Re: DSP for QRP
Message-ID: <3D9AED96.9A894F88@execpc.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

DSP Demystified by James Broesch is as close as you can get to DSP for dummies.

Brian K9WIS

Date: Wed, 2 Oct 2002 08:59:19 -0400 (EDT)
From: Chris Cartwright <ccart@phideaux.com>
To: Ade Weiss W0RSP <adeweiss@sd.value.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136740] Re: Step Up Regulator -- Results...
Message-ID: <Pine.LNX.4.33.0210020834440.19349-1000000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Oct 2002, Ade Weiss W0RSP wrote:

> big question remains -- was the p.s. on its way out to start with and
> the usage/failure point a simple coincidental convergence? Or, did the
> RS converter do it? Or what?

My guess is that it didn't like the "modified sine wave". MSW is a stepped square wave (positive and negative) so that "wave" looks more like a staircase than a sine wave. The cheap ones (under 1000W) seem to do it in two steps, and the 100KW one I'm familiar with did it in 255 steps.

Things like transformers, lightbulbs, and motors are a little more forgiving than a switching power supply. Put one of those little (100-300W) "inverters" on a scope, usually very ugly. There are true sine wave inverters, but the price goes up exponentially.

Don't get me wrong, they have their place (and I own both) but I tend not to plug anything important or expensive into the cheap ones.

```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --  
-- N3XRV      ARRL-VE   Norcal Zombie #163 |   Oxford, PA 19363 FM29as   --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Wed, 2 Oct 2002 07:01:41 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <robert.parks11@gte.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136741] Re: Possible solar panel for QRP
Message-ID: <003a01c26a13\$db61fc70\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Shop around!

This is the iSun from ICP: <http://www.icp.ca/>

The product Tony refers to is available from many sources. ICP has a "Where to Buy" page at:

<http://www.isunpower.com/html/where.htm>

General Specifications from: <http://www.isunpower.com/html/isun.htm>

Wattage: 2.2 watts
Isc = 290mAmps@7.6 volts or 145mAmps@15.2 volts
Voc = 15.2 VDC (12V setting) or 7.6 VDC (6V setting)
Dimensions: 7.25" x 4.5" x 1.25" (184mm x 114mm x 32mm)
Weight: 11 oz (311 grams)
Temperature Range: -40 F to 176 F (-40 C to 80 C)

73, Rod N0RC

----- Original Message -----

From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 02, 2002 2:44 AM
Subject: Possible solar panel for QRP

> The URL below is to a solar panel product that may be of interest to
> QRPer's.
>
> Tony
> KB9YIG
>
> www.donrowe.com/isun/isun.html?source=overture6
>
>

Date: Wed, 2 Oct 2002 09:10:12 -0400
From: "Lee Mairs" <lmairs@cox.net>
To: <ccart@phideaux.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136742] Re: Step Up Regulator -- Results...
Message-ID: <016301c26a15\$0ab7cb70\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I remember when I was putting solar power into my beach cottage that the small 300 watt inverter that I used for my laptop would charge a Makita battery w/o problem; however, a DeWalt battery would get extremely hot and not take a full charge at all.

Once the Trace 1.5KW inverter was installed all was right with the world.
73 de Lee
KM4YY

----- Original Message -----

From: "Chris Cartwright" <ccart@phideaux.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 02, 2002 8:59 AM
Subject: Re: Step Up Regulator -- Results...

> On Tue, 1 Oct 2002, Ade Weiss W0RSP wrote:
>
> > big question remains -- was the p.s. on its way out to start with and
> > the usage/failure point a simple coincidental convergence? Or, did the
> > RS converter do it? Or what?
>
> My guess is that it didn't like the "modified sine wave". MSW is a
> stepped square wave (positive and negative) so that "wave" looks more like
> a staircase than a sine wave. The cheap ones (under 1000W) seem to do it
> in two steps, and the 100KW one I'm familiar with did it in 255 steps.
>
> Things like transformers, lightbulbs, and motors are a little more
> forgiving than a switching power supply. Put one of those little
> (100-300W) "inverters" on a scope, usually very ugly. There are true sine
> wave inverters, but the price goes up exponentially.
>
> Don't get me wrong, they have their place (and I own both) but I tend not
> to plug anything important or expensive into the cheap ones.
>
>
> -- Chris Cartwright, Unix Administrator |
ccart@phideaux.com --
> -- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363
9as --
> -- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI
#9271 --
>
>
>

Date: Wed, 2 Oct 2002 08:10:09 -0500
From: George Franklin <w0av@juno.com>
To: henryf@quartz.gly.fsu.edu
Cc: qrp-l@lehigh.edu
Subject: [136743] Re: Step Up Regulator
Message-ID: <20021002.082159.-1760331.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Henry,

Well, I have never tried to get 12V from the car battery, but certainly
it would work on your computer.

It would indeed be unwise to plug in your computer and then hit the starter.

Spikes certainly could result, damaging the computer.

Never ran into this because the 12V battery was sitting on a board at the FD station!

72 de George/W0AV
Hamming since '35

Date: Wed, 2 Oct 2002 06:30:23 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: k7qo@earthlink.net,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136744] Re: [OT] Operating Systems
Message-ID: <E17wjZl-000681-00@avocet.mail.pas.earthlink.net>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi Chuck,
Like many others, I dabbled with various distributions of Linux for years. This spring, the advent of XP and the obnoxious licensing scheme finally pushed me over the edge.

Karl has covered many points well, so I'll try to just add to that.

I'm currently using Mandrake 8.2. The install went flawlessly on my desktop machine (P3/450). On my notebook, I had to buy a PC Card modem because the cheap internal Win modem would not work. Not a big deal, I wanted to get a better modem anyway.

Both installs prompted me to set up my internet connection, and Earthlink works fine. I use Kmail and Opera, but you have other choices.

I'm in the process of converting a long time client from Windows 2000 to Linux. Linux installed in 25-30 minutes on 5 of the 6 machines without problems. The sixth, a Pentium MMX 233 used as a print and CD server, needed a patch, which was easily applied from a floppy at the start of the install.

Overall, Mandrake Linux is as easy to install as Windows- or as hard, if you run into problems and have to dig into things. As Karl says, know your hardware before starting the install.

Let's see- a book I strongly recommend is "Linux System Administration" by

Marcel Gagne. I just got it and I wish I'd had it sooner. It's not what it sounds like- his approach is that every user on a personal system is a sys admin and needs to know some stuff. It's easy reading.

Oh yeah, another plug for Mandrake- it seems to be the most office workstation oriented distro. And their user's manual is worth the price of the CD set. I've used Red Hat and Caldera as well, but the package of programs with Mandrake's Power Pack suits my needs the best.

In a nutshell, I've converted my home office and portable office (I'm a writer/photographer and I fly charters part time) almost completely to Linux. There are several applications that don't have Linux equivalents (the National Geographic Topo! map software being the main one), so I run a copy of Win98 on Win4Lin on Linux. Win98 on Linux is more stable than Win2000 on the native hardware! Photoshop and MS Access run perfectly.

I have just one program the makes me boot Win2000- for some reason Adobe Illustrator runs too slowly under Win4Lin. Netraverse, the makers, assured me in an email that they're working on that. I can recommend Win4Lin as a perfect bridge to Linux from Windows.

The thing I like the most about Linux is that everything's in the open- there are no hidden secrets in the OS. Reminds me of my first desktop computer days with the Heathkit H89. Although HDOS was a commercial OS, it was completely open. I had fun doing RTTY boards and software.

Have fun,

73
Bruce
N7CEE
Flagstaff

Date: Wed, 2 Oct 2002 08:28:45 -0500
From: "Michael G. Heitmann" <n0so@charter.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136745] Re: [OT] Operating Systems
Message-ID: <Pine.CYG.4.44.0210020805130.1956-100000@PLS017456.mw.nos.boeing.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 02 Oct 2002 00:41:02 -0400

Hank Kohl K8DD <k8dd@arrl.net> wrote:
>A few years ago I had Red Hat 5.something talking to
>Earthlink Both dialup and through the proxy/firewall
>that was probably running on an NT4.0 box. Used PINE and

>mail and lists worked fine, like a good PINE should
>at least its not ELM!
>
>Chuck if you got XP, I hope it was PRO and not Home
>.... I was at a Microsoft OEM SystemBuilder 5 hour
>seminar a few months ago and the general consensus was if
>you want to remain on good terms with your customers do
>NOT sell Home Sell PRO!
>

Ditto that if you have a college student taking a computer to a campus that has ethernet wiring in the dorm. My son had Windows XP Home Edition on his PC. It worked fine on our home LAN (also ethernet) for months before he left for school. When he got to the University of Missouri, Rolla, the thing would NOT authenticate itself on their LAN because XP Home Edition (which he had) was missing some things it needed. Almost every network command he typed yeilded a "file not found" error message. He *had* to upgrade to XP Pro. Another \$(embarrassingly large sum of money) to MS for an quick upgrade to XP Pro to get him up and running quickly.

Linux forever!

72/73 de Mike, N0SO

Date: Wed, 2 Oct 2002 09:42:11 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [136746] OT: Increase Foreign SSB in CW band?
Message-ID: <ad.246bd4f8.2acc51b3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Not sure if I may have missed recent artilces or discussions addressing the rapidly increasing amount of foreign SSB (appears to be non-commercial) in the traditional CW portions of the bands.

80M: Down around 3550
40M: 7025-7070 and 7100
30M: 10.103 and 10.127
10M: throughout cw portion (not addressing the CBers)

I am curious if many of the countries have opened up these bands to SSB since CW has become non-mandatory in several countries, at least for higher class licenses? I don't recognize the languages so not sure who is creating this

competition for frequency space. It just seems the encroachment is growing almost weekly.

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

--- --- --- --- DIT DIT

Date: Wed, 02 Oct 2002 09:46:51 -0400
From: Al Moyle <amm14@psu.edu>
To: qrp-l@lehigh.edu
Subject: [136747] Re: [OT] Operating Systems
Message-ID: <5.1.0.14.2.20021002094011.00b86d80@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

That's funny ... I'm sitting here typing this on a Sony Vaio (running Windows XP Home edition) attached to the Penn State University LAN. It works just fine ... I've never had any problem doing normal networking stuff (fetching e-mail, web surfing, connecting to a shared printer on a Windows 2k machine).

At 08:28 AM 10/2/2002 -0500, you wrote:

>Ditto that if you have a college student taking a computer to a campus
>that has ethernet wiring in the dorm. My son had Windows XP Home Edition
>on his PC. It worked fine on our home LAN (also ethernet) for months
>before he left for school. When he got to the University of Missouri, Rolla,
>the thing would NOT authenticate itself on their LAN because XP Home Edition
>(which he had) was missing some things it needed. Almost every
>network command he typed yeilded a "file not found" error message. He *had*
>to upgrade to XP Pro. Another \$(embarrassingly large sum of money) to
>MS for an quick upgrade to XP Pro to get him up and running quickly.

>
>Linux forever!

>
>72/73 de Mike, N0SO

Date: Wed, 2 Oct 2002 08:14:58 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: W2WU <w2wurjj@verizon.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136748] Re: Reference Books
Message-ID: <Pine.BSI.3.96.1021002081349.17238A-100000@usr02.primenet.com>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Better yet, an autographed copy of "Antennas" by Kraus with an inscription to Jim Fisk (publisher of "Ham Radio"). :}

Chris

On Tue, 1 Oct 2002, W2WU wrote:

```
> Try an original copy of Dr. Browns treatise on Directional Antennas, or
> Reference Data for Radio Engineers third edition (1943) or autographed copy
> of Antennas by Kraus 73 - Ron W2WU
> ----- Original Message -----
> <SNIP>
>
>
```

[illegible]

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Wed, 2 Oct 2002 09:53:33 -0400
From: kwike@gdls.com
To: qrp-l@lehigh.edu
Subject: [136749] Re: [OT] Operating Systems
Message-ID: <0F819AAA52.A17BB837-0N85256C46.004C385C@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Same for MSU - Michigan State University

Ed AB8DF

"Michael G.
Heitmann"
Discussion" <qrp-1@Lehigh.EDU>
<n0so@charter.
net>
Sent by:
owner-qrp-1@Le
high.EDU

To: "Low Power Amateur Radio
cc:
Subject: Re: [OT] Operating Systems

10/02/2002
09:28 AM
Please respond
to n0so

On Wed, 02 Oct 2002 00:41:02 -0400

Hank Kohl K8DD <k8dd@arrl.net> wrote:

>A few years ago I had Red Hat 5.something talking to
>Earthlink Both dialup and through the proxy/firewall
>that was probably running on an NT4.0 box. Used PINE and
>mail and lists worked fine, like a good PINE should
>at least its not ELM!
>
>Chuck if you got XP, I hope it was PRO and not Home
>.... I was at a Microsoft OEM SystemBuilder 5 hour
>seminar a few months ago and the general consensus was if
>you want to remain on good terms with your customers do
>NOT sell Home Sell PRO!
>

Ditto that if you have a college student taking a computer to a campus
that has ethernet wiring in the dorm. My son had Windows XP Home Edition
on his PC. It worked fine on our home LAN (also ethernet) for months
before he left for school. When he got to the University of Missouri,
Rolla,

the thing would NOT authenticate itself on their LAN because XP Home Edition (which he had) was missing some things it needed. Almost every network command he typed yeilded a "file not found" error message. He *had* to upgrade to XP Pro. Another \$(embarrassingly large sum of money) to MS for an quick upgrade to XP Pro to get him up and running quickly.

Linux forever!

72/73 de Mike, N0SO

Date: Wed, 2 Oct 2002 10:02:35 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136750] Re: Goodbye sunspots, goodbye QRP
Message-ID: <20021002100056.I8016-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Oct 2002, James R. Duffey wrote:

> Bob - I have been licensed since 1965, a year after the sunspot minimum. So
> that is 4 sunspot minimums.
>
> QRP is still fun during the sunspot minima. You will need to adjust your
> operating habits, usually by down a band or so, but the contacts, and fun,
> will still be there.

Thanks...I was wondering what changes might be ahead...and having been off the years for 40 years, I had no reference points.

Good advice too about the fun.

73,
Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon

<http://www.zerobeat.net>

Home of The QRP Web Ring
and Drake Mail List Pages

Date: Wed, 02 Oct 2002 07:16:06 -0700
From: John Kuklewicz N7ZN <kuk1@cybrquest.com>
To: Lee Mairs <lmairs@cox.net>
Cc: qrp1 <qrp-1@lehigh.edu>
Subject: [136751] Re: Step Up Regulator
Message-ID: <3D9AFFA6.1186125@cybrquest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lee, et. al.

I am using the auto/air adapter manufactured by Lind Electronics.
The unit is a dc-dc supply/Lion battery charger. Intended for portable
use in vehicles and aircraft the unit comes with cables for cig lighter
socket and a LEMO looking connector for, I guess, aircraft 12V sockets.

Cost me about \$100 two years ago.

Works well, sometimes whines a little, but no RFI that I have detected.

I got this unit to -avoid- running my Dell p/s from the inverter. Saves
quite a few amp-hrs, not to mention quieter. (The Trace sine wave
inverters buzz.)

The currents I quoted are what the supply draws from my 12V battery
pack.

vy 73

John N7ZN

Lee Mairs wrote:

>

> John -

> I had an Inspiron 7000 for a few years, but I thought the power required was
> 19VDC, not 12 volts. Are you talking about running the laptop with the
> original power supply AND a small inverter, or running it w/o the Dell power
> supply instead using a 12 VDC source and a connector to fit the laptop.

> 73 de Lee

> KM4YY

>
> ----- Original Message -----
> From: "John Kuklewicz N7ZN" <kuk1@cybrquest.com>
> <..snip>
> > I have an older Dell Inspiron 7000 laptop. I typically
> > run it from a 12VDC adapter (auto-air adapter) powered
> > by my solar power system.
> >
> > For normal activities the 12V adapter pulls about
> > 1.7Amps at 12.8V
> >
> > When I do something compute and disk intensive (like
> > circuit simulation) the current draw rise to about
> > 2.4A.
> >
> > Charging the internal battery draws about 4.3A, and
> > if I am concurrently operating the computer, this rises
> > to about 6.2A
> >
> > The adapter claims it is rated at 20V/3.5A
> >
> >
> > Mike Yetsko wrote:
> > >
> > > ----- Original Message -----
> > > From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
> > ><snip>

Date: Wed, 2 Oct 2002 10:09:58 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'ARDUJENSKI@aol.com'" <ARDUJENSKI@aol.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136752] RE: Increase Foreign SSB in CW band?
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D308CB@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Alan,

I agree. When 10m is open, I find tons of SSB QRM. Most, if not all are Spanish speaking. I can't pick out call signs, so I'm not sure they have them, and the liberal use of "roger beeps" makes me think they're not licensed. Sometimes, the signal strengths are quite remarkable, making me think they're running some serious power.

Maybe there are folks in SA countries who use 10m for SSB quite regularly? Shame on them if they're not licensed - although it is so very easy to purchase cheap 10m SSB equipment these days. Maybe this is Radio Shack and Ranger's market base for 10m equipment?

Of course, I'd expect this all to go away on 10m with the sunspot minimum . . . :-)

Mark, AA4MF

-----Original Message-----

From: ARDUJENSKI@aol.com [mailto:ARDUJENSKI@aol.com]
Sent: Wednesday, October 02, 2002 9:42 AM
To: Low Power Amateur Radio Discussion
Subject: OT: Increase Foreign SSB in CW band?

Not sure if I may have missed recent articles or discussions addressing the rapidly increasing amount of foreign SSB (appears to be non-commercial) in the traditional CW portions of the bands.

80M: Down around 3550
40M: 7025-7070 and 7100
30M: 10.103 and 10.127
10M: throughout cw portion (not addressing the CBers)

I am curious if many of the countries have opened up these bands to SSB since CW has become non-mandatory in several countries, at least for higher class licenses? I don't recognize the languages so not sure who is creating this competition for frequency space. It just seems the encroachment is growing almost weekly.

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL
--- --- --- --- DIT DIT

Date: Wed, 02 Oct 2002 07:14:05 -0700
From: Jim Wilson <w5mhl@arrl.net>
To: qrp-l@lehigh.edu
Subject: [136753] FS Epiphyte 3 Kit
Message-ID: <5.1.1.6.2.20021002071323.02e909f0@pop.onemain.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have an unopened Norcal Epiphyte 3 kit which I have never gotten around to building. Maybe someone on the list who is more active would like to

have it. Don't remember the price but for \$100 I will send it Priority mail. If that is an unreasonable price, let me know.

Jim, W5MHL

Date: Wed, 2 Oct 2002 08:17:03 -0600
From: "" <markb@abq.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136754] Re: Step Up Regulator -- Results...
Message-ID: <523ace33b4c94fc2a67d8c200f2e7256.markb@abq.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

With the widespread use of switching power supplies used with just about everything=
=20
these days, it's quite possible that you can run your stuff on AC or DC=2E Even some of the=
=20
PC supplies I've got laying around will work off of DC=2E The ones most likely to work are=
=20
"universal input", 100-230VAC as these type usually just have a bridge rectifier input=2E =
=20
One of the 12V 5A supplies I use for portable operation stays in regulation with as little=
=20
as 56VDC input=2E Coming up with ~120VDC isn't as hard as you might think, just 10 small gel=
=20
cells will do it=2E As previously mentioned, a lot of "passive" devices will work just fine=
=20
on AC or DC such as light bulbs and most types of drills and saws (series motors)=2E The=
=20
way I test for DC "compatibility" is to put a 50W light bulb in series with my 120VDC=
=20
power supply as a ballast, and connect the unit under test=2E If it's a transformer input=
=20

device the lamp will glow brightly and the device won't work=2E But if it's good with DC=

=20

the lamp will glow dimly and the device comes to life=2E By using these devices directl=

y

off of DC you avoid a costly inverter and the slight efficiency hit=2E Just thought I'd throw=

=20

this out there as a data point=2E

73,

Mark K5LXP
Albuquerque, NM
k5lxp@arrl=2Enet

Date: Wed, 2 Oct 2002 10:19:55 EDT
From: NB6M@aol.com
To: myetsko@insydesw.com, QRP-L@Lehigh.EDU
Subject: [136755] Re: Step Up Regulator
Message-ID: <e6.2f38f843.2acc5a8b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Mike,

There probably are laptops out there that can charge their batteries from 12 Volts.

However, in my personal experience of having run two different Toshiba laptops from 12 Volts on my sailboat for long periods of time, doing so definitely did not charge the battery pack in either of them.

In the first laptop, the battery eventually "died" from lack of charging and wouldn't accept a charge from the AC power supply when I tried to revive it. I replaced the battery pack and resorted to an AC inverter, using that to supply the AC power pack for the laptop in order to charge the battery regularly.

I tried 12 Volt operation once again when I got a new laptop, because the inverter put out too much hash for my ham radio receiver. The battery pack didn't get charged in that one either when I supplied it with 12 Volts, and just kept getting weaker.

So, I bought and have been using the voltage booster from N4UAU to both run the computer and keep the battery charged, and it does a good job of it. It is also quiet, RF wise, so it doesn't bother my ham radio receiver.

In my case, the higher voltage supply was necessary for charging the battery pack. It might not be, in yours.

72

Wayne NB6M

Date: Wed, 2 Oct 2002 10:30:21 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu, neqrp@jonal.net
Subject: [136756] Last nights NEQRP SSB NET?
Message-ID: <0F27543E38.E2D7D778-ON85256C46.004F804C@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

The band was noise free! also no signals!!!!

Tried to call for net check-in from 7:30 - 7:45 PM EDT
but heard no one and I mean no one. Was perched on
7.287 Mz.

Must be solar

Hear you all next week and hope to see some of you
at Hosstraders.

Ron - N1ZSW

Date: Wed, 02 Oct 2002 10:28:54 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: amm14@psu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136757] Re: [OT] Operating Systems
Message-ID: <3D9B02A6.3050809@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Al Moyle wrote:

> That's funny ... I'm sitting here typing this on a Sony Vaio (running
> Windows XP Home edition) attached to the Penn State University LAN. It
> works just fine ... I've never had any problem doing normal networking
> stuff (fetching e-mail, web surfing, connecting to a shared printer on a
> Windows 2k machine).

>

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>> network command he typed yeilded a "file not found" error message. He
>> *had*
>> to upgrade to XP Pro. Another \$(embarrassingly large sum of money) to
>> MS for an quick upgrade to XP Pro to get him up and running quickly.
>>
>> Linux forever!

One of the features missing from the Home Edition of Windows XP is the ability to log into a domain, making it unsuitable for most Windows-based corporate computing environments. (That's how they get corporate customers to pay the extra \$\$\$ for XP Professional.) The colleges that I am familiar with do not use Windows domain authentication, in part because it would exclude users of operating systems other than Windows NT, 2000, or XP Pro (Macintosh, other versions of Windows, etc.). But it's possible that U of Missouri uses domain authentication, and thus requires the use of specific Microsoft OSes.

The Home Edition can log into a workgroup. That's what most home users will have. Setting up a domain requires that you set up a domain controller; most home users don't even know what that is, let alone install one.

Samba (the SMB networking package for Unix, included with most Linux distributions) can log into a domain, and can even act as a domain controller.

Date: Wed, 2 Oct 2002 08:29:02 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu

Subject: [136758] Re: OT: Increase Foreign SSB in CW band?
Message-ID: <20021002.082907.-141877.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan,

Most of those bands you mention have long had voice authorized, 80 for instance is also listed for commercial mobile usage - in fact used to have a Jamaican maritime as well as British coastal stations operating around 3535. 40 has also been mostly ssb authorized in other countries, but there is a proliferation of fishing boats and other questionable Spanish speaking stations from south of the US and they are mostly on USB. Lot of what appears to be ranch communications.

30 METERS is a shared band where amateur operations is secondary. The stations you mention, some are fishing boats transporting what we at work used to call square grouper, some Mex Feds around 10.127 and 10.150, spy broadcasts periodically on 10.125, usually in Spanish. And they ALL have priority over amateur stations on 30 meters.

What is really increasing and bothersome is the amount of SSB stations on 20 meters - 14.002 what appear to be some sort of Commonwealth fishing boats, Spanish speaking 14.060, 14.050 and around 14.040, Yet no one in the government or national associations seem to be too concerned. The low end of 10 has for years been plagued with a lot of South American taxi and other business type communications.

We aren't the only ones tho - a few months ago, the Texas Highway patrol ended up with a MexFed net on their main repeater in this area and that could have serious consequences as they have a lot of chases of border jumpers with the aforementioned square groupers heading north and have been some shootouts, which the Mexican net seems to love to come on and cover the highway patrol traffic.

There seems to be few if any solutions to the encroachments.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M

SOC#78 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Wed, 2 Oct 2002 10:31:09 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [136759] RE: Goodbye sunspots , Goodbye QRP
Message-ID: <001801c26a20\$5a6ebe20\$aa634342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob - I have been licensed since 1965, a year after the sunspot minimum. So
> that is 4 sunspot minimums.
>
> QRP is still fun during the sunspot minima. You will need to adjust your
> operating habits, usually by down a band or so, but the contacts, and fun,
> will still be there.

I started working on 40 meters CW when I was a Tech Plus during the last
solar cycle when it bottomed out QRP is fun on 40 meters and can be
very successful even with the BCI QRM ... I also started my milliwatt quests
... started with a HW 7 and a seperate rcvr then worked up to a TS-520
which I turned down the drive to get below 1 watt 40 is GREAT for
milliwatt and QRP work !!!! During the next "lowdown" I hope to work
40 and 30 for the duration of the "bottom" of the solar cycle !!!!!

73s

George Osier , N2JNZ / QRP

Date: Wed, 02 Oct 2002 07:49:17 -0700
From: JIm Wilson <w5mhl@arrl.net>
To: Qrp-l@lehigh.edu
Subject: [136760] RE: FS Epiphyte 3 Kit
Message-ID: <5.1.1.6.2.20021002074757.03f39340@pop.onemain.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

SOLD! Looks like the Epiphyte 3 has found a builder.

Jim, w5mhl

Date: Wed, 2 Oct 2002 08:48:19 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [136761] Re: OT: Increase Foreign SSB in CW band?
Message-ID: <20021002.084823.-141877.2.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As I previously mentioned, there are currently several
spanish speaking fishing boats operating on 14.020.

Used to never happen but after all the talk of doing away
with the cw bands, here they are.

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
SOC#78 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Wed, 2 Oct 2002 11:42:40 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: ARDUJENSKI@aol.com
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [136762] Re: OT: Increase Foreign SSB in CW band?
Message-ID: <14097-3D9B13F0-333@storefull-2154.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

As far as I know, lots of foreign licencing authorities allow SSB in
those segments - Canada for one - but I would be willing to bet that it
is most likely illegal activity there. I think that the reason we are
hearing it more is due to the change in propagation patterns. Most
hams - at least I hope - in those countries try and stay within the
upper portions of the cw segment

72 es ooDennis - WB0WAONJQRP #329FPQRP #-347SOC
#499FISTS # 9299GACW #622ARS #1363

Date: Wed, 2 Oct 2002 11:46:31 -0400
From: kwike@gdls.com
To: qrp-1@lehigh.edu
Subject: [136763] OT Nickel Metal Hydride Batteries - Expected life
Message-ID: <0FE1E13B34.E2E57154-ON85256C46.0053A982@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I do the sound at my church. We use several wireless microphones. A year ago we bought several 9 volt rechargeable Nickel Metal Hydride Batteries to use in these mics so we could save some money on batteries. A couple of them will no longer take a full charge. They get up to about 8.5 volts which I am interpreting as they are worn out. I called the distributor and they said based on our use, a year is about all we could expect and yes 8.5 volts means they have reached the end of their life. So may questions are:

1. Are they right about how long the batteries are good for? The 200 mah rated batteries last about one hour of use in the mics before they go dead. They are recharged in a manufacture approved charger. The batteries were not completely discharged before putting them on the charger. I did not see the need to check since these batteries are advertized as having no memory and I assumed the chargers would do the appropriate conditioning if they needed it.
2. Did I shorten their life by not insuring they were discharged before putting them into the charger? In practice this is tough to do. I can not have the mic go dead due to a dead battery in the middle of the pastor's sermon.
3. Is there a way to test the chargers to see if they have any smarts in them?
4. I need to replace at least two of the batteries. Any recommendations on battery types and sources for good prices. I have checked all the add in the ham radio magazines and already have the prices for them.

Ed AB8DF

Date: Wed, 2 Oct 2002 09:57:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [136764] Re: [OT] Operating Systems
Message-ID: <Pine.LNX.4.44.0210020932230.3060-100000@bucket.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First the Internet Provider. Earthlink wants you to use their software but you don't need it! In windows you can use Netscape mail or the M\$ mail program just fine. All you need to do this is the local phone number to call and what type of ppp it expects. I'm sure it's version 3 which everyone else uses. So choose the e-mail program you want and then set up Earthlink to work with it. I use Linux and use fetchmail to get the mail from my server onto my hard drive, and procmail to sort the mail into many different files like the one for QRP-L, and then starts pine that lets me select which file to read, and then puts up messages for me to read.

Next the operating system. Micro\$oft has 99 percent of the home users in their pocket. When you buy a product from Micro\$oft it costs them about \$5.00 to make what you get. But they charge over \$100.00 for it. This more than pays the guys that write the software.

Linux has about 35% of the business market and it's getting even better. Business likes Linux because it never crashes and comes loaded on IBM computers. Linux is still a free Operating System and lots of user software is written and also free. Gimp the image system is used to make all the Star Wars special effects scenes. It is a wonderful tool.

I'm one of the 1% of the users using Linux. This message leaves my computer and goes directly to the list. Linux has sendmail that does all my e-mail sending. Nice.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 2 Oct 2002 11:56:14 -0400
From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "'QRP'" <qrp-l@lehigh.edu>
Subject: [136765] Looking for mobile ops pointers.
Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A05C5@us358mx00>
MIME-Version: 1.0
Content-Type: text/plain

Hello All,

I am going to try to get more operating time by going mobile, since I spend

more time in the truck than in the shack!!

I was thinking of using my SW40+ and plugging into my Lighter socket but, should I worry about the output of the lighter socket with the engine running? I was going to use a standard 12V auto power cord with a line fuse. But don't know if that is too noisy with the engine running??(my sons gameboy lighter plug has some type of filter or something in it... but he watches that much too closely hi hi)

Second: I need to make/buy a mobile H.F. antenna, and was looking for some recommendations from folks with experience in New England style winters (cold wet salt ice etc) about which models/types will work/survive the environment.

73 de KB1HYS

Ed Mullin

Date: Wed, 2 Oct 2002 12:00:00 EDT
From: Hiloarc@aol.com
To: w5usj@9plus.net
Cc: qrp-l@lehigh.edu
Subject: [136766] Re: [QRPP-I] Rock-Mite/15 Beacon @ 21.063 -- Part 2
Message-ID: <156.151b1e29.2acc7200@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi,

I heard a faint signal 2130-2145 utc yesterday on 21063.
No other signals heard 21000-21100 during that time.

I'll try again today.

72, Aloha,
Dean K H 6 B
Hilo Hawaii

Date: Wed, 2 Oct 2002 12:04:44 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136767] RE: [OT] Operating Systems
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D308D4@ev008msxaege.ae.ge.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

This is definitely OT:

I run Win 98, and it does just fine for me. I use Zone Alarm for security. ZA blocks so called "intrusions" into my computer from the 'net when I'm connected.

I get these intrusions all the time, a dozen or so an hour. Before I had ZA, I didn't even know this was happening.

So, I wanted to ask the more knowledgeable members of the 'flector what these intrusions are? Why would anyone want to access my computer when I'm connected to the 'net? Are they at all harmful?

Mark, AA4MF

Date: Wed, 2 Oct 2002 12:13:42 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136768] [OT] Operating Systems ?
Message-ID: <003d01c26a2e\$d4e1c180\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone offer a dispassionate comparison of O/S? Does anyone have a used machine. Need to upgrade complete system. Thanks. Ron W2WU member Courage Center

Date: Wed, 2 Oct 2002 10:22:34 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: kwise@gdls.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136769] Re: OT Nickel Metal Hydride Batteries - Expected life
Message-ID: <Pine.LNX.4.44.0210021016530.3133-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 2002 kwike@gdls.com wrote:

> I do the sound at my church. We use several wireless microphones. A year
> ago we bought several 9 volt rechargeable Nickel Metal Hydride Batteries to
> use in these mics so we could save some money on batteries. A couple of
> them will no longer take a full charge. They get up to about 8.5 volts
> which I am interpreting as they are worn out. I called the distributor and
> they said based on our use, a year is about all we could expect and yes 8.5
> volts means they have reached the end of their life. So may questions are:
>
> 1. Are they right about how long the batteries are good for? The 200 mah

A good charger will put only 20 Ma of charge on these batteries
for about 8-10 hours. I leave mine charging overnight. Measure the
charge current in your charger.

> rated batteries last about one hour of use in the mics before they go dead.
> They are recharged in a manufacture approved charger. The batteries were
> not completely discharged before putting them on the charger. I did not
> see the need to check since these batteries are advertized as having no
> memory and I assumed the chargers would do the appropriate conditioning if
> they needed it.
>

Your battery should not suffer the NiCad memory problem. But ALL
batteries die an early death if a "Fast Charger" is used.

> 2. Did I shorten their life by not insuring they were discharged before
> putting them into the charger? In practice this is tough to do. I can not
> have the mic go dead due to a dead battery in the middle of the pastor's
> sermon.
>

> 3. Is there a way to test the chargers to see if they have any smarts in
> them?
>

Put a ampmeter in the charge line and measure the battery
voltage. Put both data on a strip-chart for perfect data collection.

> 4. I need to replace at least two of the batteries. Any recommendations
> on battery types and sources for good prices. I have checked all the add
> in the ham radio magazines and already have the prices for them.
>
> Ed AB8DF
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 02 Oct 2002 12:16:57 -0400
From: Alex <kr1st@amsat.org>
To: Ronald_A_Pfeiffer@raytheon.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136770] Re: Last nights NEQRP SSB NET?
Message-ID: <3D9B1BF9.B674A8EE@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

This might sound like a really dumb question, did you check if your antenna was plugged in?

Although I was a bit late (20:00 EST) I heard plenty of signals. AMers were on 7.290 and QSOs on 7.288 and 7.284.

I usually get suspicious when I hear no signals and no noise. :)

73,
--Alex (KR1ST)

Ronald A Pfeiffer wrote:

>
> The band was noise free! also no signals!!!!
>
> Tried to call for net check-is from 7:30 - 7:45 PM EDT
> but heard no one and I mean no one. Was perched on
> 7.287 Mz.
>
> Must be solar
>
> Hear you all next week and hope to see some of you
> at Hosstraders.
>
> Ron - N1ZSW

Date: Wed, 2 Oct 2002 10:36:42 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Mullin, Edward J." <mulline@tycoelectronics.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136771] Re: Looking for mobile ops pointers.
Message-ID: <Pine.LNX.4.44.0210021027340.3133-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed, for mobile work you need a good resonant antenna on the frequency you work, some kind of tuner to convert the low impedance to 50 Ohms for the radio, and a good clean 12 volts to run the radio.

If you have a camper on your truck mounting the antenna near the top of that works good. The base of my Ham Stik antenna's are at the top edge of my camper shell.

Use a MFJ Antenna Analyser to tune the antenna to resonance on the frequency you use, like 7040. My Ham Stik has an impedance of about 3 ohms at resonance.

I use a MFJ tuner to convert 3 ohms to 50 ohms so my radio puts power into the antenna.

This all works very well. I get out on 40 meters better than many fixed stations.

On Wed, 2 Oct 2002, Mullin, Edward J. wrote:

> Hello All,
>
> I am going to try to get more operating time by going mobile, since I spend
> more time in the truck than in the shack!!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 02 Oct 2002 12:30:43 -0400
From: "Randy Randall" <RANDALLR@healthall.com>
To: <qrp-1@lehigh.edu>, <k5di@zianet.com>
Subject: [136772] Re: [OT] Operating Systems
Message-ID: <sd9ae70c.086@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Content-Disposition: inline

I agree with most of what you said, but Linux having 35% of the business market?? No way. Unix in general, on servers I can buy 35%. We use Unix of many flavors here at work, but the majority of systems run NT server. Business critical systems here are on Unix boxes, mostly HP. Workstations Win NT or 2000 99.95%. With 15,000 employees that's a lot of \$\$ for MS!! Just about every comercial Unix system has a non-perpetual licence requiring a licence key to be obtained from the application or OS vendor every year to keep the system running. Microsoft is wanting to do the same thing. Why not? You get to pay \$\$\$\$ each year to keep your software running. They get money each year for doing nothing other than issuing a new key! Also they can force you to move to a new program or OS by refusing to issue a new key for the old software at their whim!!!!

Randy AB9GO

>>> "Karl F. Larsen" <k5di@zianet.com> 10/02/02 11:57AM >>>

Linux has about 35% of the business market and it's getting even better.

Date: Wed, 2 Oct 2002 09:48:28 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <Mark.Fancher@ae.ge.com>
Subject: [136773] RE: [OT] Operating Systems
Message-ID: <GNEOLGDJDOPEALHJMKLCMEBHCNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

OH BOY ARE THEY HARMFUL.

Many times they're not using the IP, but something I don't really understand called 'UDP' They can propagate viri, Trojans and other scumware that can be used to do a distributed denial of service attack.

Basically, they can use your machine as one 'gun' in a major attack of some unlucky system. You wouldn't even know it.

They can get into your finances if they are a little more sophisticated. They can watch your activities, and actually control some aspects of your box without you even seeing a glitch.

Go look up 10pht (that's lima zero papa hotel tango ...) and some other hacker groups and see what they're up to. Pretty bold, they say so right on their web pages!

Tracy N4LGH

Why would anyone want to access my computer when I'm connected to the 'net? Are they at all harmful?

Date: Wed, 2 Oct 2002 10:00:46 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: kr1st@amsat.org,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136774] Re: Last nights NEQRP SSB NET?
Message-ID: <20021002170046.571.qmail@web14202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Only noise on me in Northern Va. I have heard you guys right at the noise many times. Hope this winter we will get to check in.

73, Bill kc4atu

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Wed, 2 Oct 2002 09:59:48 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [136775] QRPacificon is 2 1/2 weeks away
Message-ID: <001901c26a35\$20acc640\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, Jim Duffey, Paul Harden, Dan Tayloe, Dave Fifield and Dave Benson all

have tickets to come to Concord, California for Pacificon 2002. We are having all kinds of fun events, and every one of the qrp events are free. NO CHARGE For Any of our stuff. We have a no host Banquet, with Banquet Chairman Jim Duffey in Charge. Jim has spent a lot of time arranging the banquet and has a fabulous menu for us to choose from and guarantees that you will have fun. No speakers, no ties, just a great big bunch of QRPers eating dinner together, and all of the speakers will be there. Here is your chance to have dinner with a QRP Icon!!

Friday night at the NorCAL QRP Hospitality room we will have the Rock Mite Building contest. Teams will consist of 4 members and we will have 10 teams. Each team will build a RockMite 20, put it in a Doug Hauff case (Hey, the guy is super, and thanks to him and Dave Benson for supporting this event with their kits and cases). Each team will have to build the rig, put it in its case, finished, and copy a code word from the control station. They will have to send the same code word back to the control station to finish the contest. Each group will keep their kits. We have 4 teams so far, and need 6 more. If you are gonna have a team, let me know. Each team will need to bring soldering quipment, test equipment, and a connecting cable with a bnc on each end plus a key or paddle and a power supply for your rig. No Charge for this one. Thanks to Dave Benson, Doug Hauff, Vern Wright and NorCal.

Saturday we'll have the forums in the morning, and give you the afternoon to wonder around and see the hamfest. Saturday night the hospitality room will open at 7:30 and we have a fun evening planned. This is the night that we have our QRP only swap meet, free tables. QRP Building Contest. If you have built a rig in the last year, let us see it!! Any qrp project is eligible. Rigs, accessories, etc. Plus we will have the judging of the NorCal VXO building contest. And a very special presentation of 3 NorCal Distinguished Service to QRP Awards presented to 3 very deserving people. I'll give you a hint, all of them will be there to receive their awards.

Everyone is welcome. This is our annual party, and we want you to have fun and enjoy yourself. The hamfest charges \$10 in advance, \$15 at the door, but we don't charge anything for any of our activities. It is our way of saying thank you for all of your support of NorCal activities throughout the year. Events such as this cost money, but we fund it through our projects. Jim and I have always had the philosophy that we put all excess funds back into QRP so the members can enjoy it. That is our purpose, to promote QRP.

If you can't make it, we hope that you will sometime in the future. It is a huge party, and you get to see and meet the greatest people in the world, QRPers. 72, Doug, KI6DS

Date: Wed, 2 Oct 2002 12:12:28 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-l@lehigh.edu, fpqrp-l@fpqrp.com, soc@mailman.qth.net
Subject: [136776] OT: Linux question
Message-ID: <200210021713.g92HDQJ007381@mail.iowasocean.com>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Here's yet another Linux question. I installed Mandrake 8.2 yesterday (I love it!!!), but don't appear to have sndconfig. Did a search, it's nowhere on my drive. I recall setup telling me to run it after setup completed, but I can't because I can't find it. So:

1. Anyone here running Mandrake 8.2: Where in the world is it?
2. If it isn't on here, is there any way to setup my soundcard without having to sail off into the personally uncharted waters of compiling a new kernel like the help file suggested?

Btw, soundcard is a plain 'ol original Soundblaster.

--
72/73/oo
Rob, w0jrm

Visit My Website!
=====
<http://www.qsl.net/w0jrm>
=====

bcc: Dave

Date: Wed, 02 Oct 2002 12:34:35 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [136777] R-M/15 Beacon Heard by W6EU in CA
Message-ID: <3.0.2.32.20021002123435.007e37a0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Better conditions today.

Rock-Mite/15 in beacon mode at 1700 UTC on 21.063 MHz. 200 mW to a
Butternut vertical conjugate matched with an MFJ-969... [g]

Jim, W6EU, in CA near Reno, heard the signal at 1710 with a 56/79 report down to 449 with QSB.

Not a QSO but R-M/15 Rocks! I'll leave it running for a while this afternoon.

The DX beacon on 21.150 was really strong at that time.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 02 Oct 2002 11:33:39 -0600
From: "P. Ermisch" <ermisch@usa.net>
To: <mulline@tycoelectronics.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136778] Re: [Looking for mobile ops pointers.]
Message-ID: <200210021737.g92Hajse023396@rain.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Ed,

A Hamstick (or equivalent made by another company) will be the easiest route. If you have a good metal ground plane (camper shell, cab), a mag = mount will be enough. =

Noise can be a nasty problem and you won't know until you hook up. You= may want to try a separate lead-acid battery instead to avoid any surges, etc= =2E but you may still have noise problems. If you do, check out the 'noise' link= at www.k2bj.com for a lot of information.

Paul KB0LUR

"Mullin, Edward J." <mulline@tycoelectronics.com> wrote:
> Hello All,
> =

> I am going to try to get more operating time by going mobile, since I s=

pend
> more time in the truck than in the shack!!
> I was thinking of using my SW40+ and plugging into my Lighter socket but,
> should I worry about the output of the lighter socket with the engine
> running? I was going to use a standard 12V auto power cord with a line=

> fuse. But don't know if that is too noisy with the engine running??(my =
sons
> gameboy lighter plug has some type of filter or something in it... but =
he
> watches that much too closely hi hi)
> Second: I need to make/buy a mobile H.F. antenna, and was looking for =
some
> recommendations from folks with experience
> in New England style winters (cold wet salt ice etc) about which
> models/types will work/survive the environment.
> =

> =

> 73 de KB1HYS
> =

> Ed Mullin

Date: Wed, 02 Oct 2002 10:38:00 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [136779] Re: [OT] Operating Systems ?
Message-ID: <F126L1VSfxTQWBdcB490000ce96@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ron W2WU wrote:

>Can anyone offer a dispassionate comparison of O/S?

LOL.

This is a religious issue. There is no dispassionate view.

My home system runs Linux, and does it well - soundcard,
ADSL, DVD, digital camera, the works. However, I am also

a computer geek from way back and know my way around Unix.
I assembled the system from components and favour Slack-
ware as my Linux distribution. Geek city, huh?

I've helped set various family members up with computers
and have steered them toward Windows 98 as a handy setup
for non-technical users.

I saw a demo of Windows XP in a store once and suspected
it was an elaborate joke. But I couldn't see any hidden
cameras...

<editorial>

Aren't hams interested in *radio* anymore? We seem to
have a lot of OT threads on this list!

</editorial>

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg pied a terre..."
ICBM: 49 16.57 N 123 0.24 W - Hospital/Shafte

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 02 Oct 2002 13:47:19 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: myetsko@insydesw.com,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
Subject: [136780] Re: Bugbear virus
Message-ID: <5.1.1.6.2.20021002133618.02ba6900@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Perhaps they-the Anti-Virus companies-ebb and flow. I tried and tried to
get McAffees attention a year or two ago and never got the 1st, the
slightest, the least little reply to multiple queries. I became angry
enough with them-at the time-that I will NEVER touch them with a 10-ft
mousecord.

OTH, this is the 1st problem I have found where the actual active
email/url/whatever scanner seemed to be beaten w/o an affirming
attachment-read, or URL-visit. Like anything else, AV programs are a fine
example of "what have you done for me lately" and will remain so. And NAV
** DID ** find the embedded virus here before it went out-since (it's my

understanding from the Bugbear description on the Symantec website) it only takes charge after a reboot-but before a FULL HDD virus-check. I have an auto-FULL-HDD check every 5AM... and any time I think of it I manually check for virus-file updates. I think EVERY ONE should do the same.

Won't be the last virus, and I'll certainly stick with Norton AV for now.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 02 Oct 2002 13:49:37 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Mark.Fancher@ae.ge.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136781] Re: Increase Foreign SSB in CW band?
Message-ID: <3D9B31B1.20D0A61B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There are a couple of things you should know about frequency allocations. First, the ham bands are different in most other parts of the world. They are agreed upon by IARU member countries to satisfy their own local needs.

Here in the USA we subdivide the bands by mode of operation. Other countries do not do this. You will hear Canadian SSB, for example, on 40 meters down as low as 7050. They try to leave the bottom half of our CW portion clear, but during contests you will hear them down there!

Now, 10 meters is still different. First the phone band runs from 28.0

upward, I think. Second, in many underdeveloped countries HF is used as a local telephone company. 10 meters is popular with fishing boats operating from central and south american countries for short range communications. When the skip is in, you will hear them. They are probably perfectly legal, in their own countries!

We can yell about this all we want, but very little will be done about it!

73

Date: Wed, 2 Oct 2002 11:57:39 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: W2WU <w2wurjj@verizon.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136782] Re: [OT] Operating Systems ?
Message-ID: <Pine.LNX.4.44.0210021155240.3612-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dispassionate: LINUX!

I'm using a used machine and need to keep it. Just a 200 MHz OLD thing.

Member of the Human Race.

On Wed, 2 Oct 2002, W2WU wrote:

> Can anyone offer a dispassionate comparison of O/S? Does anyone have a used
> machine. Need to upgrade complete system. Thanks. Ron W2WU member Courage
> Center

>
>
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 02 Oct 2002 13:15:42 -0500
From: Chuck Carpenter <w5usj@9plus.net>

To: qrp-1@lehigh.edu
Subject: [136783] R-M/15 Beacon Now -- 7300 m/W
Message-ID: <3.0.2.32.20021002131542.007d3e90@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The one-way report at 1710 UTC from Jim, W6EU, in CA near Reno about 7300 m/W.

R-M/15 in beacon mode running 200 mW to a Butternut vert.

I'm having way too much fun with these Rock-Mites... [g]

Parts changes to the driver stage and optimizing the filter would likely result in more output power. The active parts used probably won't yield much more though.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 2 Oct 2002 11:34:21 -0700
From: "Jerry Parker" <qrpadio@charter.net>
To: <qrp-1@lehigh.edu>
Subject: [136784] NorCal Meeting this weekend
Message-ID: <001d01c26a42\$54884e00\$dfc5d642@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRPers, the October meeting of the NorCal QRP Club will be held as usual Sunday October 6th at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton.

The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping

center. The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,

Doug, KI6DS

Date: Wed, 2 Oct 2002 11:40:38 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [136785] RE: [OT] Operating Systems ?
Message-ID: <GNEOLGDJDOPEALHJMKLCCEBLCNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

That's the most accurate description of the OS wars I've ever seen!

Emphasis on the religious part.

I'd like very much to see some side - by - side comparisons of the hammers, in specific tasks, on similar if not exact machines.

If it were possible to find such people, I'd like to see an experiment where two people with no computer background whatsoever are given the hardware and the CD's, and told to do some mission specific task. They would have to install, configure and run the system to reach some specific goal.

It could be a TV show like "OS Survivor" hihi
Tracy N4LGH

LOL.

This is a religious issue. There is no dispassionate view.

Date: Wed, 2 Oct 2002 14:51:47 EDT
From: WA6GER@aol.com
To: qrp-l@lehigh.edu
Subject: [136786] Want: Article from 25th VHF/UHF Conf.
Message-ID: <16.26636baa.2acc9a43@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Stop me if QRP ends at 30mhz.

Otherwise, your indulgence please.

I am looking for specifically the article by Ken Schofield on modifying the
RCA DSS dish for 10 ghz. Will pay for copy or buy the entire proceedings
report.

Thanks Much!

jim, WA6GER

Date: Wed, 2 Oct 2002 14:49:11 -0400 (EDT)
From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [136787] Re: [OT] Operating Systems
Message-ID: <Pine.LNX.4.33.0210021447420.19349-100000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 2002, Karl F. Larsen wrote:

> I'm one of the 1% of the users using Linux.

Hmmm... I must be part of the 0.1% with Solaris and IRIX :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 02 Oct 2002 14:57:14 -0400
From: "Randy Randall" <RANDALLR@healthall.com>
To: <tracy@bytemark.com>, <qrp-l@lehigh.edu>
Subject: [136788] RE: [OT] Operating Systems ?
Message-ID: <sd9b0964.077@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Don't laugh. Remember Robot wars and Junkyard wars on PBS? Sounds like a good program for ZDtv (or whatever they are calling it now).

Randy AB9GO

>>> "Tracy Markham" <tracy@bytemark.com> 10/02/02 02:40PM >>>
It could be a TV show like "OS Survivor" hihi
Tracy N4LGH

LOL.

Date: Wed, 2 Oct 2002 15:36:53 -0400
From: "Vincent A. Santis" <vsantis@earthlink.net>
To: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [136789] TT 2 success! !
Message-ID: <01C26A29.A239DE20.vsantis@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi to all,
I'm writing to hopefully encourage others to venture into kit building. I just finished building a Tuna Tin 2 and to my surprise and amazement it works. Not too surprising you say. Well let me give you some details. I'm 69 and legally blind which created its own set of challenges to be met and

conquered. By useng a CCTVa closed circuit reading device and an adjustable vise to hold the PCB I was able to solder compoents. Parts identification was met by using a DVM to read cvalues. If anyone is interested in more detail contact me opff list. Now on to the next project.

Vince Santis,N1VS
Winsted, CT
NEQRP # 598
PRP-L # 2372
FISTS# 8053
CC # 1161
K1 #841

Date: Wed, 02 Oct 2002 15:41:20 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136790] Re: Bugbear virus
Message-ID: <5.0.2.1.0.20021002153710.00a0e940@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ed and gang,
I updated the Norton AV I/O and checked the virus list. Bugbear was not listed.
Am I missing something???
73
Pete NV4V

1:47 PM 10/2/2002, Ed Tanton wrote:
>Perhaps they-the Anti-Virus companies-ebb and flow. I tried and tried to
>get McAffees attention a year or two ago and never got the 1st, the
>slightest, the least little reply to multiple queries. I became angry
>enough with them-at the time-that I will NEVER touch them with a 10-ft
>mousecord.
>
>OTH, this is the1st problem I have found where the actual active
>email/url/whatever scanner seemed to be beaten w/o an affirming
>attachment-read, or URL-visit. Like anything else, AV programs are a fine
>example of "what have you done for me lately" and will remain so. And NAV
>** DID ** find the embedded virus here before it went out-since (it's my
>understanding from the Bugbear description on the Symantec website) it
>only takes charge after a reboot-but before a FULL HDD virus-check. I have
>an auto-FULL-HDD check every 5AM... and any time I think of it I manually
>check for virus-file updates. I think EVERY ONE should do the same.

>
>Won't be the last virus, and I'll certainly stick with Norton AV for now.
>
>
>73 Ed Tanton N4XY <n4xy@earthlink.net>
>
>Ed Tanton N4XY
>189 Pioneer Trail
>Marietta, GA 30068-3466
>
>website: <http://www.n4xy.com>
>
>All emails <IN> & <OUT> checked by
>Norton AntiVirus with AutoProtect
>
>LM: ARRL QCWA AMSAT & INDEXA;
>SEDXC NCDXA GACW QRP-ARCI
>OK-QRP QRP-L #758 K2 (FT) #00057
>

Date: Wed, 02 Oct 2002 15:45:54 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: w6toy@erols.com, qrp-1@lehigh.edu
Subject: [136791] Re: Increase Foreign SSB in CW band?
Message-ID: <F26jrrZ1UbDBRArVc4I000000133@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Folks,
The Canadians have their band plans
(i.e. <http://www.rac.ca/hfband.htm>)
and we have ours. What you might think is interference
can be construed as interference [you] to them.

As Bruce says this is very pervelant during contests.
I find generally they are very accomadating, but 7.040
to 7.055 have regular nets that run and there you are.

I have included a link to all RAC band plans, enjoy!
73 oo
Chuck AA8VS

>From: Bruce Muscolino <w6toy@erols.com>
>Reply-To: w6toy@erols.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Increase Foreign SSB in CW band?
>Date: Wed, 02 Oct 2002 13:49:37 -0400
>
>There are a couple of things you should know about frequency
>allocations. First, the ham bands are different in most other parts of
<snip>

"If your not part of the solution,
there is good money to be made
prolonging the problem."
<http://68.43.100.7:81/aa8vs>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 2 Oct 2002 20:48:20 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136792] Koch CW Trainer
Message-ID: <FDE0KGEJJFNPABJIJGDDOEHKFCAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

Version 4 of this popular software is now available for download from my web
site.

73/72's de Ray g4fon

RSGB, BATC, GQRP-10698
QRP-L 2378, QRP-ARCI 11153
ray@g4fon.co.uk
www.g4fon.co.uk

Date: Wed, 02 Oct 2002 15:52:27 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Charles Mabbott <aa8vs@msn.com>
Cc: qrp-1@lehigh.edu
Subject: [136793] Re: Increase Foreign SSB in CW band?
Message-ID: <3D9B4E7B.C7F7F859@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually the regional band plans can probably be found at the IARU site. They reflect the local laws. There is very little we can do about this type of interference.

73

Date: Wed, 2 Oct 2002 15:49:18 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136794] RE: TT 2 success! !
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D907D@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi, Vince,

If anything ever pointed out that what many call a "disability" is truly = just a challenge, your accomplishment is a shining example. In your = case, the term "visually challenged" is NOT a politically correct phrase = at all. You are truly a ham among hams! Stop by ARRL HQ sometime and I = will take you out to Tinkers for lunch! I'm driving, though! Hey, you = will probably be one of the few who won't be scared silly being a = passenger in the W1RFI Deathmobile pickup truck! :-)

Way to go!

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111

Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Vincent A. Santis [mailto:vsantis@earthlink.net]
> Sent: Wednesday, October 02, 2002 3:37 PM
> To: Low Power Amateur Radio Discussion
> Subject: TT 2 success! !=20
>=20
>=20
> Hi to all,
> I'm writing to hopefully encourage others to venture into kit=20
> building. I=20
> just finished building a Tuna Tin 2 and to my surprise and=20
> amazement it=20
> works. Not too surprising you say. Well let me give you some=20
> details. I'm=20
> 69 and legally blind which created its own set of challenges=20
> to be met and=20
> conquered. By useng a CCTVa closed circuit reading device and=20
> an adjustable=20
> vise to hold the PCB I was able to solder compoents. Parts=20
> identification=20
> was met by using a DVM to read cvalues. If anyone is=20
> interested in more=20
> detail contact me opff list. Now on to the next project.
>=20
> Vince Santis,N1VS
> Winsted, CT
> NEQRP # 598
> PRP-L # 2372
> FISTS# 8053
> CC # 1161
> K1 #841
>=20
>=20

Date: Wed, 2 Oct 2002 15:54:12 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <WA6GER@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136795] RE: Want: Article from 25th VHF/UHF Conf.
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D907F@kosh.ARRLHQ.ORG>

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Finding a local or free copy is best, but ARRL can make copies of these =
articles if you need to go that route. The charge is \$3.00 postpaid. =
Members can email reprints@arrl.org, with as much info as you have on =
the article. Helen will either make the copy, or send it to the TIS =
staff for research. For members, we don't require prepayment, but will =
send the article and a postcard you can use to send the \$3.00. The =
money really doesn't begin to cover the staff time, but we started to =
charge when a few members asked for hundreds of articles because it was =
free. :-)

If you don't remember much about the article you are looking for, email =
tis@arrl.org and Al will try to find it.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: WA6GER@aol.com [mailto:WA6GER@aol.com]
> Sent: Wednesday, October 02, 2002 2:52 PM
> To: Low Power Amateur Radio Discussion
> Subject: Want: Article from 25th VHF/UHF Conf.
>=20
>=20
> Stop me if QRP ends at 30mhz. =20
>=20
> Otherwise, your indulgence please. =20
>=20
> I am looking for specifically the article by Ken Schofield on=20
> modifying the=20
> RCA DSS dish for 10 ghz. Will pay for copy or buy the entire=20
> proceedings=20
> report.
>=20
> Thanks Much!

>=20
> jim, WA6GER
>=20

Date: Wed, 2 Oct 2002 15:54:16 -0400
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [136796] Yaesu & Norton Anti-Virus
Message-ID: <20021002.155417.-419157.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No association? Maybe not in the business sense, but a similar attitude when it comes to their customers.

A local ham who is visually-impaired was using Norton 2002 and some virii/Trojan/worm slipped through, or did it?

Lou uses a speech package called "JAWS", and Jaws can't read the Norton warning messages. He may have been warned, but the first indication that he had a problem was when his automatic updates of pattern files stopped going through a couple of weeks ago.

Net result, his computer is in the shop, his adaptive software that he uses in the station will have to be reinstalled, no way to log at the present time, etc. (Yes, Lou runs QRP, Argonaut 509 and TS-690 throttled back)

Norton, when contacted, told his local support group that the number of blind computer users was too small for them to provide speech support, basically a "Get Lost" statement.

So where does Yaesu fit in? Well, Yaesu has the same opinion about the handicapped and in a conversation I had with one of their reps (on behalf of another visually-impaired ham who contacted me as the Tech Coordinator for the ARRL here in WNY) went about like ABVI's conversation with Norton. There's not a large enough group of blind hams to make it worth Yaesu's time to develop voice boards or tactile aids for operating rigs.

Someone with DEEP POCKETS and a very good lawyer might be able to change their minds, but McAfee supports speech in their anti-virus package and Icom bends over backwards to help the visually-impaired with adaptive technology. The market will win out on this one.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section

President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Wed, 02 Oct 2002 16:00:27 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: plburbank@kih.net,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136797] Re: Bugbear virus
Message-ID: <5.1.1.6.2.20021002155452.02b79fc8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It's right there at the Symantec/NAV website <<http://www.symantec.com/>>, on the left side, under the column heading "Latest Threats", Pete. That's what I did just to see what they had to say about it-after reading about it in one of the E-journals from ZD Net or TechNet, or some such.

By the way, you should set your NAV to do a FULL HDD scan EVERY night-I use 5AM-and I manually check for updates several times a day, since it only takes a minute or so.

At 03:41 PM 2002-10-02, Pete Burbank wrote:

>Ed and gang,
>I updated the Norton AV I/O and checked the virus list. Bugbear was not
>listed.
>Am I missing something???
>73
>Pete NV4V
>

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 2 Oct 2002 16:12:29 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <w5mhl@arrl.net>
Cc: <qrp-l@lehigh.edu>
Subject: [136798] Re: FS Epiphyte 3 Kit
Message-ID: <00b201c26a50\$08a73920\$07633018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just got mine running (finally!). I added the K1MG counter/clock kit. Real neat rig!

You may kick yourself later for selling yours!

72

Howard Kraus, K2UD
----- Original Message -----
From: "JIm Wilson" <w5mhl@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 02, 2002 10:49 AM
Subject: RE: FS Epiphyte 3 Kit

> SOLD! Looks like the Epiphyte 3 has found a builder.
>
> Jim, w5mhl
>

Date: Wed, 02 Oct 2002 16:21:48 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: n4xy@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136799] Re: Bugbear virus

Message-ID: <3D9B555C.4BC1FCD9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ii believe if you subscribe to Norton's Live Update service you will be kept pretty clean of all viruses. It only costs about \$2.00 per year!
73

Date: Wed, 2 Oct 2002 16:31:00 EDT
From: NB6M@aol.com
To: QRP-L@Lehigh.EDU
Subject: [136800] Rock-Mite VX0 Mod TX Offset solution in the works
Message-ID: <118.186821e7.2accb184@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HI All,

Got a TX Offset solution for the VX0 Mod in the works here, so should be able to re-do the article on Rod's Rock-Mite Files page soon.

Stay tuned.

Wayne NB6M

Date: Wed, 2 Oct 2002 14:37:34 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Randy Randall <RANDALLR@Healthall.com>
Cc: qrp-l@lehigh.edu
Subject: [136801] Re: [OT] Operating Systems
Message-ID: <Pine.LNX.4.44.0210021429360.4054-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Randy, I'm quoting from Linux sources that might be overstated but my not be too. The old Unix boxes you refer to are the breed of Operating System that Linux is killing. The old "pay every year" idea is from early 1985. Linux runs fine on HP computer's and there are industrial users who loaded Slackware 3.0 on mission critical computers in 1995 and they are still in service today!

Windows NT is a dead system too. Even Micr\$oft recommends replacing it with XP Pro.

On Wed, 2 Oct 2002, Randy Randall wrote:

> I agree with most of what you said, but Linux having 35% of the business
> market?? No way. Unix in general, on servers I can buy 35%. We use
> Unix of many flavors here at work, but the majority of systems run NT
> server. Business critical systems here are on Unix boxes, mostly HP.
> Workstations Win NT or 2000 99.95%. With 15,000 employees that's a lot
> of \$\$ for MS!! Just about every comercial Unix system has a
> non-perpetual licence requiring a licence key to be obtained from the
> application or OS vendor every year to keep the system running.
> Microsoft is wanting to do the same thing. Why not? You get to pay
> \$\$\$\$ each year to keep your software running. They get money each year
> for doing nothing other than issuing a new key! Also they can force you
> to move to a new program or OS by refusing to issue a new key for the
> old software at their whim!!!!

>

> Randy AB9GO

>

> >>> "Karl F. Larsen" <k5di@zianet.com> 10/02/02 11:57AM >>>

>

> Linux has about 35% of the business market and it's getting even
> better.

>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 2 Oct 2002 14:52:52 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rob Matherly <w0jrm@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136802] Re: OT: Linux question
Message-ID: <Pine.LNX.4.44.0210021448510.4054-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rob, sndconfig is located in the /sbin/ directory on Red Hat. I think Mandrake is a Red Hat Linux with a twist so you should search your cd-rom's for a file like sndconfig-xxxxxx-i386.rpm and load it.

If it is not there goto www.redhat.com and find it there and download it. It's free of course.

On Wed, 2 Oct 2002, Rob Matherly wrote:

> Here's yet another Linux question. I installed Mandrake 8.2 yesterday (I
> love it!!!), but don't appear to have sndconfig. Did a search, it's nowhere

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 2 Oct 2002 15:55:24 -0500
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [136803] Weekly Wednesday Warble
Message-ID: <001401c26a56\$0743a2c0\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks:

The Four State QRP Group Wednesday Warble is tonight on 3580.5 KHz at 9 PM central time. Everybody is invited to join the roundtable.

Last week the 80 meter propagation was great. Wonder how tonight will be?

72, Dave

David Bixler W0CH
Seneca, Missouri

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Wed, 02 Oct 2002 17:24:13 -0400
From: "kw3u@warwick.net" <kw3u@warwick.net>
To: w0av@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136804] Re: Old Books
Message-ID: <3D9B63FD.F7C2A89@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I also enjoy reading the occasional qst I might find. I think a 1936 and a couple 1941's.great stuff (and people dressed kinda different then) suits at a club meeting?
I've had the chance to get some nice collections, but passed due to the room it takes. Wondering if anyone might have one of the older (20-30-40's) sets of cd roms with qst they would be interested in selling?
73 jim kw3u

George Franklin wrote:

> Hi Guys,
>
> Since we are talking about old books, how about this one?
>
> RADIO TELEPHONY FOR AMATEURS, by
> Stuart Ballantine
>
> This book was published in Philadelphia in 1922 (the year after I was
> born)
> by David McKay Company.
>
> It is fascinating to thumb through this old handbook and see how things
> have progressed since 1922 in the field of ham radio.
>
> But many things contained in the handbook concerning receivers and
> oscillators, etc., are still valid today.
>
> This book deals entirely with vacuum tube circuits, making almost no
> mention of crystal detectors or spark gap transmitters. It must have
> been
> very state-of-the-art in 1922.
>

> I picked this copy up at a garage sale some 30 years ago and it is one of
> my old-time radio treasures.
>
> Incidentally, I started hamming in 1935 with a regenerative receiver and
> a Hartly oscillator on 40M CW.
>
> Apologies for the bandwidth. Nostalgia, you know.
>
> 72 de George/W0AV

Date: Wed, 2 Oct 2002 16:24:09 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: QRPL <qrp-1@lehigh.edu>
Subject: [136805] Inexpensive Microcontrollers for Experimenters
Message-ID: <200210022115.QAA05278@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Motorola recently announced a new line of 8-bit microcontrollers=
that are in the sub-\$1.00 price range in single piece=
quantities. They use Flash memory and are=
programmable/reprogrammable in-circuit. Some include=
analog-to-digital converters. There's an evaluation board=
available cheaply that includes the development tools needed to=
write the programs. These could be good choices for one-off or=
small run amateur radio projects where you need a little=
processing power on board. The eval kit is free if you qualify=
and only \$25 even if you don't.

The URL is a long one. You'll have to cut and paste!

>Follow the following link, and the page on the Motorola site=
will
>steer you to the free stuff!!
>
>http://e-www.motorola.com/webapp/sps/site/prod_summary.jsp?code=3D=M68DEM0908QT4&parentCode=3D68HC908QT1&releaseLevel=3DPreview&nodeId=3D03M0ym4t3ZGM=98634
>=A0If you miss the Free offer through the Motorola Website, you=
can
>order under the following part number: M68DEM0908QT4

Tim, N9PUZ
<http://www.qsl.net/n9puz>

Date: Wed, 2 Oct 2002 15:38:33 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [136806] Re: Increase Foreign SSB in CW band?
Message-ID: <20021002.153834.-141877.10.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What you say about the adjacent countries bandplans and perceived interference on 80 and 40 cw parts of the bands is true. And no one is really observing band plans these days - just look at the RTTY contest last week - all the way down to 7010 with Mexican SSB on 7005 - totally wasting the 40 meter cw band for the most part. There are some holes tho. However, my comments regarding the unauthorized operations were primarily directed to 20 meters and also to 15 altho I didn't mention it in my earlier posting. There is also SSB interference on the cw parts of 15 as well. Both 15 and 20 are designated exclusive amateur usage except for the reservations exercised by the Soviet Union and China for governmental usage above 14.250 and that is primarily RTTY on a couple of frequencies. All stated in the ITU and IARU published informations. And it is also in ARRL publications and the FCC rules as appended thereto. Also as I had indicated, the amateur service is secondary or less on the 30 meter band and we must clear a frequency if a commercial or government or pirate or dope smuggler comes on. That is the rule.

73
Ray

Date: Wed, 2 Oct 2002 17:31:43 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136807] Fw: OT OSEI MEDIA ALERT #02275
Message-ID: <005a01c26a5d\$80ee5140\$71c2fea9@w2wu>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

List: This is of general interest.

----- Original Message -----

From: <osei@noaa.gov>

To: <w2wurjj@bellatlantic.net>

Sent: 02 October, 2002 16:20

Subject: OSEI MEDIA ALERT #02275

> OSEI MEDIA ALERT #02275

>

> SUBJECT: HURRICANE LILI

>

> Hurricane Lili was located over the Gulf of Mexico near 25.3N 89.4W at 18:00 UTC. Lili has been moving northwestward at 13 knots with maximum sustained winds estimated at 115 knots, gusts to 140 knots.

>

> This image was produced from data taken by the GOES-8 satellite.

>

> The image is available at the OSEI Media Resource Page:

>

> <http://www.osei.noaa.gov/OSEImedia.html> or from the following link:

>

> http://www.osei.noaa.gov/Events/Tropical/Gulf_Mexico/TRClili275_G8.jpg

>

> A movie loop of Hurricane Lili is available from the following links:

>

> http://www.osei.noaa.gov/Events/Tropical/Gulf_Mexico/TRClili275_G8.avi

>

> or

>

> http://www.osei.noaa.gov/Events/Tropical/Gulf_Mexico/TRClili275_G8.mpg

>

>

> Please credit NOAA for this imagery if it is used in publication.

>

> Thank you,

>

> The OSEI Team

> osei@noaa.gov

>

> -----

>

> Note: You are subscribed to the OSEI Media Alert list which is slightly different from the OSEI Daily Report subscription. Media Alerts are issued

to advise members of the media that new imagery of a particularly significant event is available. The Daily Report subscription is a daily mail which describes all OSEI products created that day.

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to the daily report, visit our web site at:
> <http://www.osei.noaa.gov>
>
>

Date: Wed, 2 Oct 2002 17:29:57 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <wkhibbert@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136808] Yaesu & Norton Anti-Virus
Message-ID: <005901c26a5d\$80680a40\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems a note from Courage Center might impact Norton or did his subscription expire? 73, Ron W2WU

<SNIP>No association? Maybe not in the business sense, but a similar attitude

> when it comes to their customers.

>
> visually-impaired was using Norton 2002 and some
> virii/Trojan/worm slipped through, or did it?

>
> Jaws can't read the Norton warning messages.

>
> Net result, his computer is in the shop, his adaptive software that he
> uses in the station will have to be reinstalled, no way to log at the
> present time, etc. (Yes, Lou runs QRP, Argonaut 509 and TS-690 throttled
> back)

>
> Norton, when contacted, told his local support group that the number of
> blind computer users was too small for them to provide speech support,
> basically a "Get Lost" statement.

>
> So where does Yaesu fit in? Well, Yaesu has the same opinion about the
> handicapped and in a conversation I had with one of their reps (on behalf
> of another visually-impaired ham who contacted me as the Tech Coordinator
> for the ARRL here in WNY) went about like ABVI's conversation with
> Norton. There's not a large enough group of blind hams to make it worth
> Yaesu's time to develop voice boards or tactile aids for operating rigs.
>
> Someone with DEEP POCKETS and a very good lawyer might be able to change
> their minds, but McAfee supports speech in their anti-virus package and
> Icom bends over backwards to help the visually-impaired with adaptive
> technology. The market will win out on this one.
>
> 73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
> President, Brockport Amateur Radio Klub
> "My night light runs more power than my Rig!!!"
> <SNIP>

Date: Wed, 2 Oct 2002 18:01:42 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <NB6M@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136809] Re: Step Up Regulator
Message-ID: <008201c26a5f\$70d8f7e0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <NB6M@aol.com>

> However, in my personal experience of having run two different Toshiba
> laptops from 12 Volts on my sailboat for long periods of time, doing so
> definitely did not charge the battery pack in either of them.

I'd have to check, but I thought the Toshibas (at least the ones I
remember)
used 15v or even more? For some reason I want to say one was 24v, but
then I dealt a lot with proto-types. No wonder it wouldn't charge.

I have a number of HPs that work just fine on 12v (well, 14v auto) as
well as a Dec and an IBM. I'll have to look... I don't think I have a

Tecra around here...

Mike

Date: Wed, 2 Oct 2002 18:08:14 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136810] Re: OT Nickel Metal Hydride Batteries - Expected life
Message-ID: <009601c26a60\$381685c0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>

> Your battery should not suffer the NiCad memory problem. But ALL
> batteries die an early death if a "Fast Charger" is used.

Not true. This is one of the biggest urban legends about batteries out there you can imagine. There really is no place for making a blanket statement like that, and you're only forgiven if you really know nothing about batteries.

Yes, fast charging by using anything over 0.1c as a continuous charge rate is hard on batteries. But the PROPERLY implemented algorithm for fast charging using an intelligent pulse method will make the matching battery last the longest it can. Even longer than 0.1c slow chargers.

The key is to use the CORRECT charger for the battery technology, and use the correct algorithm.

Mike

Date: Wed, 2 Oct 2002 17:29:21 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: "Karl F. Larsen" <k5di@zianet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136811] Re: OT: Linux question
Message-ID: <20021002212923.6221A2DB61@localhost.localdomain>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi Karl;

Reinstalled this afternoon (was just playing around with it before, got "more serious", also went with ext3 this time), and picked "individual packages". Shazam, there it was! Haven't ran it yet, but at least I know it's there now :^)

72/73/oo
Rob, w0jrm

On Wednesday 02 October 2002 04:52 pm, Karl F. Larsen wrote:

Hi Rob, sndconfig is located in the /sbin/ directory on Red Hat. I think Mandrake is a Red Hat Linux with a twist so you should search your cd-rom's for a file like sndconfig-xxxxxx-i386.rpm and load it.

Date: Wed, 2 Oct 2002 15:48:43 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [136812] OT: FREE?? get serious ...
Message-ID: <GNEOLGDJDOPEALHJMKLCMECECNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

You guys keep telling everyone that LINUX is free - that is sooooo misleading it isn't even funny!

Go to red-hat.com, they have a BIG link that says 'buy now' - um, BUY ain't FREE!

Now I have to admit, at \$149 it's a lot cheaper than Win2K, but still ain't 'free'

I've seen distributions for \$60, and personal versions for like \$30, which is a great deal - but it still ain't FREE!

I went to mandrake.com and they will allow you to download their version9 (if you join the club for \$60 ...) But if you want hardcopy, it's \$69 ... and guess what? They're SELLING a version specifically for gamers ...

Get real, folks. LINUX will go up in price and be just as expensive as MS eventually. As soon as they get their market share, or stranglehold like MS, they will, mark my words!

Don't get me wrong - I'm not LINUX bashing, I'm bashing those of you who keep saying LINUX is free ... it is NOT. Read the licenses - it's not free.

Now, I'd love to eat my hat and come back n say I was wrong but ... a good google search says to ME that they all CHARGE for it. Reasonable price - BUT NOT FREE!!!

I've spent quite some time going 'round looking for a free version of LINUX. Someone tell me where it is! Honestly, I wouldn't expect anything for free, materials if nothing else cost some money. No one can give away a 7 cd set for free ...

Now, I did find debian.com allows free downloads. Still, downloading several cd's worth of data ain't 'free' even though THEY don't charge for it. They do, however, list a large number of VENDORS that SELL debian GNU/LINUX...

What is FREE is the OPEN nature of the code. You can FREELY modify it as I understand. You gurus go ahead and do that ...

Stop spreading that bad info!
Tracy N4LGH

Date: Wed, 02 Oct 2002 18:55:34 -0400
From: "Michael B. Byrd" <sunbyrd@gte.net>
To: qrp-l@lehigh.edu
Subject: [136813] Need to locate info or manual.
Message-ID: <3D9B7963.7F5AB569@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Good Day,

I found a near mint Yaesu FT-301 transceiver. I am setting it up for low power so the

power amp module is now removed. I hope to have it on the air with a week or two due to antenna work delaying things. I also found a FC-301 antenna tuner at the same time.

I have searched all the usual sources and can't find a user's manual. Can anyone give me a lead or a photocopy?

Mike, AC4UR

Date: Wed, 2 Oct 2002 18:49:10 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136814] Fw: ARLB060 FCC Declares Communications Emergency as Hurricane Lili Approaches Gulf Coast
Message-ID: <001901c26a66\$dee5b640\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FYI

----- Original Message -----

From: ARRL Web site <memberlist@www.arrl.org>
To: <w2wurjj@verizon.net>
Cc: <Subscribed ARRL Members: ;>
Sent: 02 October, 2002 15:35
Subject: ARLB060 FCC Declares Communications Emergency as Hurricane Lili Approaches Gulf Coast

> SB QST @ ARL \$ARLB060
> ARLB060 FCC Declares Communications Emergency as Hurricane Lili
> Approaches Gulf Coast
>
> ZCZC AG60
> QST de W1AW
> ARRL Bulletin 60 ARLB060
> From ARRL Headquarters
> Newington CT October 2, 2002
> To all radio amateurs
>
> SB QST ARL ARLB060
> ARLB060 FCC Declares Communications Emergency as Hurricane Lili
> Approaches Gulf Coast

>
> The FCC has declared a communications emergency in response to the
> approach of Hurricane Lili. Under the authority of Section 97.401 of
> the FCC Amateur Service rules, a general communications emergency
> has been declared for the states of Louisiana and Texas. ''Amateurs
> are required to refrain from using 7285 kHz (daytime) and 3873 kHz
> (nighttime), plus or minus 3 kHz unless they are taking part in the
> handling of emergency traffic,'' said the FCC declaration from Joseph
> P. Casey, Chief of the Technical and Public Safety Division of the
> FCC's Enforcement Bureau. The FCC declaration will remain in effect
> until rescinded and could be in effect for as long as two weeks.
>
> The National Weather Service reports that Lili has strengthened
> rapidly to a dangerous Category 4 hurricane. ''Reports from an Air
> Force Reserve hurricane hunter aircraft indicate that maximum
> sustained winds have increased to near 135 MPH with higher gusts,''
> said an NWS bulletin issued at 1800z. ''Preparations to protect life
> and property in the hurricane warning area should be rushed to
> completion.'' A hurricane warning remains in effect from east of high
> island Texas to the mouth of the Mississippi River.
>
> South Texas ARRL Section Manager Ray Taylor, N5NAV, says the FCC
> declaration will support the operation of the West Gulf Emergency
> Net for Texas and Louisiana. Net operation began this morning.
> Taylor also says Amateur Radio operators are staffing the Texas
> emergency operations center in Austin as well as some along the
> coast, where evacuations already have begun.
>
> The Hurricane Watch Net (HWN) is scheduled to remain active on
> 14.325 MHz until 0300z then activate October 3 at first light.
> Operators at W4EHW at the National Hurricane Center in Miami also
> have been active and cooperating with the HWN effort. W4EHW
> volunteers were scheduled to remain on duty at least until 0200z.
>
> Information on the Hurricane Watch Net and W4EHW at the National
> Hurricane Center in Miami may be found on the web at
> <http://www.hwn.org> and <http://www.fiu.edu/orgs/w4ehw/> ,
> respectively.
> NNNN
> /EX
>
>
